# CATALOGUE

OF THE

# COLLEGE OF PHYSICIANS AND SURGEONS,

BALTIMORE.

1880

## City Hospital Staff.

### SURGEONS:

Prof. OSCAR J. COSKERY, M. D.
" CHAS. F. BEVAN, M. D.
Prof. A. FRIEDENWALD, M. D.

### PHYSICIANS:

Prof. JOHN S. LYNCH, M. D.
" THOS. S. LATIMER, M. D.
Prof. A. B. ARNOLD, M. D.
" A. ATKINSON, M. D.

RESIDENT PHYSICIAN, . . J. H. BRANHAM, M. D.

## Maternite Hospital Staff.

ATTENDING OBSTETRICIAN, . . Prof. THOS. OPIE, M. D.
RESIDENT PHYSICIAN, . . . . S. M. FREE, M. D.

## Woman's Hospital Staff.

ATTENDING PHYSICIAN, . . . Prof. A. F. ERICH, M. D.
RESIDENT PHYSICIAN, . . . C. E. RIGGS, M. D.
ASST. RESIDENT PHYSICIAN, . . FRED. M. LUTHER, M. D.

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CURATOR OF MUSEUM, . . . FRANK B. DODGE, M. D.

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# City Hospital Dispensary,

N. W. Cor. Calvert and Saratoga Sts.

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This Institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the Poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From these sources abundant material is derived for clinical instruction in Practical Medicine and Surgery.

—1880—

# College of Physicians and Surgeons.

## BALTIMORE.

BALTIMORE:
ISAAC FRIEDENWALD, PRINTER,
103 W. Fayette Street.

# College of Physicians and Surgeons.

## Faculty of Physic.

THOMAS OPIE, M. D.,
*Professor of Obstetrics.*

JOHN S. LYNCH, M. D.,
*Prof. of Principles and Practice of Medicine and Clinical Prof. of Heart, Throat and Lungs.*

E. LLOYD HOWARD, M. D.,
*Professor of Medical Jurisprudence and Hygiene.*

THOMAS S. LATIMER, M. D.,
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M. D.,
*Professor of Diseases of Women.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Anatomy, Orthopedic and Genito-Urinary Surgery.*

ARCHIBALD ATKINSON, M. D.,
*Professor of Materia Medica, Therapeutics and Dermatology.*

OSCAR J. COSKERY, M. D.,
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.,
*Professor of Clinical Medicine and Diseases of the Nervous System.*

WM. SIMON, M. D., Ph. D.,
*Professor of Chemistry.*

WM. GUNDRY, M. D.,
SUPERINTENDENT OF SPRING GROVE INSANE ASYLUM,
*Lecturer on Insanity.*

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JAMES G. WILTSHIRE, M. D., AND WM. F. LOCKWOOD, JR., M. D.,
*Demonstrators of Anatomy.*

J. WESLEY CHAMBERS, M. D.,
*Prosector.*

# Annual Announcement.

## 1880.

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The Faculty of the College of Physicians and Surgeons are gratified to report a large increase in the number of their pupils, three hundred and thirty-six having attended the last winter session, representing 23 States, as follows:

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|---|---|---|
| Virginia, | Arkansas, | Michigan, |
| North Carolina, | Tennessee, | Mississippi, |
| Pennsylvania, | New York, | Maine, |
| South Carolina, | Louisiana, | Connecticut, |
| West Virginia, | Georgia, | Minnesota, |
| Maryland, | New Jersey, | Massachusetts, |
| Texas, | Kentucky, | Alabama. |
| Ohio, | Nebraska, | |

The material advantages of the school have been much improved since the last Annual Announcement. The old Lecture Halls have been removed, and new ones, capacious and well equipped, have been erected. The consolidation of the College of Physicians and Surgeons and the Washington University School of Medicine, under the name of the College of Physicians and Surgeons, by an act of the General Assembly of Maryland, enables the school to offer extraordinary advantages to students.

The possession by the College of a General Hospital in operation, which is constantly filled with patients, affords our students ample opportunity for bedside instruction and experience.

The Maryland Lying-in Asylum furnishes an abundance of material for clinical teaching in obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

All of the above-named institutions are under the exclusive charge of the College of Physicians and Surgeons.

Nothing has been left undone to perfect the clinical feature of our school, and the Faculty is now prepared to give the student equal, if not superior advantages to any college in this country.

The control of the above-named hospitals and dispensary enables us to confer upon the graduating class a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity of alumni, and the excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions, and still further add to their material resources.

It is the aim of the Faculty to give this school a high rank for sound medical acquirement in all departments. To attain this end, the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The Faculty has, during four years, fully tested the plan of dividing the course among a large number of competent teachers. With a corps of eleven professors, the student is assisted in traversing the vast area of recent medicine, and is thus offered superior facilities for getting a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and Spring course. The degree of Doctor of Medicine will only be conferred at the end of the Winter Session, which begins October 1st and ends March 1st. This course will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended that the course will be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations, the treatment of disease and modes of investigating pathological phe-

nomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortems and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's Hospital, gives the best opportunities for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W. Corner of Calvert and Saratoga Streets, No. 53 Saratoga, and No. 161 W. Lombard Streets. Here all the lectures on Medicine, Surgery, and Gynæcology will be delivered. As the New Lecture Halls have been erected adjoining the wards of the City Hospital, which is under the same roof and connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with the conveniences for dissections. They are kept open daily, and are under the control of the Professor of Anatomy, assisted by two able demonstrators. Parties desiring to operate or dissect privately, can readily do so.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification, without cost to the city or individual. Its connection with the various police-stations by telegraph and the telephone, enables them to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 161 West Lombard Street, offers the medical student special clinical advantages in the

study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College, has introduced a much needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon a theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well established fact that in no branch of medicine do bad results affect the patient or practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical method adopted by the European schools. The students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes, are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. During the last session each student was present at and assisted in several cases of labor. The students are thoroughly instructed how to diagnose presentations, to judge as to the stage the labor has reached; they are enabled to watch step by step the mechanism of labor, and have frequent opportunities to witness the application of the forceps, turning, and all the other measures which science has devised for the relief of difficult and unnatural labors.

Not only are they made familiar with all those physiological and healthy conditions which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in-chamber, the management of the infant, as well as the rationale and treatment of all those diseases which so materially influence the results of child-birth. The liberal appropriations granted this Institution by the State Legislature for the next two years, have enabled the Faculty to extend its usefulness by opening wards for colored women.

## GYNECOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter is under the exclusive control of the College of Physicians and Surgeons. Its

wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided, in addition to an excellent sky-light, gas and water, with a condensing illuminator, operations upon the interior of the vagina and uterus may be performed with equal facility in cloudy as well as bright weather, and witnessed by the students with a distinctness we believe not attained elsewhere. All the free patients of the in-door and all the patients of the out-door department are used as "clinical material"; and the number of cases available for this purpose during the past session has been so large that not more than half of them could be utilized. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnose and treat all the disorders of the female generative organs.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors in illustration of their respective branches. After their close, the clinics are attentively kept up, and such students as remain in the city will be granted the benefit of them. The following order is observed, viz:

*Monday*—Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the uses of the ophthalmoscope and otoscope by Prof. Friedenwald.

*Tuesday*—Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Arnold. Prof. Lynch gives special instruction in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

*Wednesday*—The special arrangements provided to prevent identification of female patients, attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the uterine speculum, probes, tents and pessaries, are illustrated by Professor Erich.

*Thursday*—Instruction is given in the diagnosis and treatment of diseases of children by Prof. Latimer.

There will also be a clinical and didactic lecture on Orthopedic and Genito-Urinary Surgery by Prof. Bevan.

*Friday*—The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Prof. Opie.

Practical instruction in the diagnosis and treatment of diseases of the skin, is given by Prof. Atkinson.

*Saturday*—Surgical clinic by Prof. Coskery.

## THE JOHNS HOPKINS UNIVERSITY

Offers to a limited number of medical students the opportunity to attend weekly demonstrations in Physiology, to be given expressly for such students by Prof. Martin at the Biological Laboratory of the Johns Hopkins University. These demonstrations will be continued throughout the medical session on Wednesday afternoons from 3½ to 5½ P. M. Fee, $10.00.

During the last session a number of students of this school availed themselves of the above offer.

In addition to the special hospital facilities enumerated, students of this institution have the same privileges in the municipal and State hospitals as the students of other institutions.

## THE SPRING COURSE

Begins on the 15th of March and ends on the 15th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation.

It is intended rather to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to receive further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty, which are given each day between the hours of 12 M. and 2 P. M.

Students and graduates are admitted to this course on payment of the matriculation fee, which is credited on the fees of the ensuing winter session.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have attended two full courses of lectures, the last in this College, and have been a student of medicine three years. He must be examined separately by the professor of each branch taught in the school. He must be 21 years of age, of good moral character, and have received a fair English education. No student will be considered finally "rejected" until he has had the benefit of a second examination, if he so elects.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine, the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and in the option of the student, the sole objects of study.

In the second, Gynæcology, Diseases of the Eye and Ear, Diseases of the Nervous System and Diseases of the Skin, and Medical Jurisprudence.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Clinical Medicine and Diseases of Children.

At the end of each year the student will be examined in the branches studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails, will be added to the curriculum of the succeeding year, and on them he will have to stand a second examination.

The student can attend all the lectures if he thinks proper to do so, but as he will only be required to prepare himself for examination on the subjects which constitute that year's curriculum, it is believed that at the end of the course he will be *better* prepared than if he had attempted to read and prepare for examination on *all* the branches during two sessions. While the Faculty, therefore, do not *require* students offering themselves to this College to adopt this graded course, they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION

Baltimore is one of the most populous cities in the Union, thus affording its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of the climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may decide to pursue their studies here, will find themselves surrounded by all that is calulated to please, improve and interest them.

## MEDALS AND CERTIFICATES OF HONOR.

*The Cathell Gold Medal* is awarded by Dr. D. W. Cathell, formerly Professor of Pathology in this College, to the graduate who stands highest at the final examination.

*The Brown Memorial Prize* — a handsome silver medal — is conferred by the Faculty on the candidate who stands second at the final examination.

*The First Certificate of Honor* is also bestowed on the graduate whose standing is the highest.

*Five other Certificates of Honor* are awarded to the five graduates standing next in order of merit.

## HOSPITAL APPOINTMENTS.

In addition to the above medals and distinctions, the Faculty have it in their power to bestow upon those graduates standing highest in their classes six valuable appointments as resident hospital physicians, viz., two at the City Hospital, one at the Maternité, one at the Maryland Woman's Hospital, and two at Bayview, the city almshouse. These positions run for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunity for practical study and clinical practice.

## FEES.

The Professors' tickets for the course of Lectures in the Winter Session will be $120.

Tickets for one or more of the branches may be taken out separately.

## SPECIAL PRIVILEGE.

In order to place the facilities of this school within the reach of the qualified, yet poor young men of our country, and in conformity with the usage of the times, we receive a limited number of *Privileged Students.*

They are known as such only to the Dean, and are granted all the advantages the College affords.

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|---|---|
| Special Privilege Fee, . . . . . | $55 00 |

Appointments will be made upon suitable recommendations.

A blank form of application (for the Special Privilege) will be found on the last page.

The Demonstrator's fees must be paid each year, as all students of this College are required to dissect. No charge for dissecting material.

*All fees, save for graduation, must be paid at the beginning of the session.*

## SUMMARY OF NECESSARY EXPENSES.

### Full Fees:

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|---|---|
| College Fee, . . . . . | $120 00 |
| Board, Room, Fuel, Light, &c., for 20 weeks at $4 | 80 00 |
| Total, . . . . . | $200 00 |

### Beneficiary Fees.

| | |
|---|---|
| College Fee, . . . . . | $55 00 |
| Board, &c., . . . . . | 80 00 |
| Total, . . . . . | $135 00 |

Graduation Fee in all cases, $30 00.

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names, where the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information, address,

THOMAS OPIE, M. D., DEAN,

*N. W. Cor. Carey and Lexington Sts.*,

BALTIMORE, MD.

# CLASS 1879–80.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Abernethy, B. G. | *Alabama* | University of Alabama. |
| Alexander, J. H., M. D. | *Virginia* | Va. Medical College. |
| Albright, J. A. | *North Carolina* | Dr. Geo. W. Long. |
| Anderson, J. L. | *Pennsylvania* | Dr. W. H. McCullough. |
| Anderson, Abel | *North Carolina* | Dr. R. A. Anderson. |
| Archey, L. M. | *West Virginia* | Dr. W. S. Cline. |
| Ashcraft, E. H. | *Pennsylvania* | Dr. A. L. Bottun. |
| Atkinson, D. C. | *South Carolina* | Dr. I. S. Crosby. |
| Baillie, N. A., Jr. | *Maryland* | Faculty. |
| Baker, N. H. | *West Virginia* | Dr. W. M. Dent. |
| Barkman, Geo. W. | *Maryland* | Dr. E. Geo. Walls. |
| Baynes, R. S. | *North Carolina* | Dr. W. G. Stafford. |
| Badgett, J. F. | *North Carolina* | Dr. J. C. Mills. |
| Barker, D. H. | *West Virginia* | Dr. W. Greene. |
| Bankes, C. W. | *Pennsylvania* | Dr. Ben. K. Johnson. |
| Baker, Bascom | *West Virginia* | Dr. J. F. Trahern. |
| Barnes, John I. | *Texas* | Dr. W. T. Evans. |
| Barnes, Wm. M. | *Maryland* | Faculty. |
| Belt, Alfred McG. | *Maryland* | Faculty. |
| Bell, G. M. | *North Carolina* | Dr. I. C. Fowler. |
| Beatty, R. C. | *Pennsylvania* | Dr. Wm. McBryar. |
| Bell, B. F. | *Texas* | Dr. E. Jones. |
| Beers, L. A. | *Ohio* | Dr. S. B. Patter. |
| Beckwith, J. F. | *North Carolina* | Dr. T. W. Harris. |
| Beckwith, Thos. L. | *North Carolina* | Dr. J. B. Beckwith. |
| Bitting, L. L. | *Maryland* | Faculty. |
| Bietz, A. J. | *Ohio* | Dr. A. W. Alcorn. |
| Bickel, W. H. | *West Virginia* | Dr. Wm. P. Neale. |
| Bird, Wm. | *Maryland* | Dr. W. P. Bird. |
| Blachly, F. L. | *Pennsylvania* | Dr. E. H. Cary. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Black, R. J. | *Pennsylvania* | Dr. C. H. Black. |
| Blair, G. A. | *Pennsylvania* | Dr. J. M. Morrison. |
| Blanding, A. L. | *South Carolina* | Dr. J. C. Haynsworth. |
| Blakemore, J. A. | *Arkansas* | Dr. A. G. Blakemore. |
| *Boucsein, G. F. | *Maryland* | Prof. A. F. Erich. |
| Boyd, Isaac N. | *Pennsylvania* | Faculty. |
| Bowman, Darius Z. | *Pennsylvania* | Dr. A. C. Detwiler. |
| Boyd, James M. | *Pennsylvania* | Faculty. |
| Bower, F. S. | *Pennsylvania* | Dr. H. R. Caslow. |
| Boyer, Samuel J. | *Pennsylvania* | Dr. J. E. Von Camp. |
| Briscoe, Philip | *Maryland* | Prof. C. F. Bevan. |
| Brady, David B. | *Pennsylvania* | Dr. Hugh Y. Brady. |
| Brubaker, Chas. J. | *Pennsylvania* | Dr. H. R. Caslow. |
| Bryant, B. R. | *Virginia* | Dr. E. C. Barrett. |
| Brown, Luther F. | *Tennessee* | Dr. Owen M. Brown. |
| Brown, J. M. | *Virginia* | Dr. R. D. Herfford. |
| Brower, C. S. | *New York* | Drs. J. W. Duboise & E. Eltinge. |
| Bradbury, F. R. | *Maryland* | Dr. A. T. Shertzer. |
| Bradfield, John W. | *Alabama* | Drs. W. A. Johnson & W. Bradfield. |
| Brotemarkle, C. | *Maryland* | Dr. J. J. Wilson. |
| Brigham, B. L. | *Pennsylvania* | Dr. D. C. Galbraith. |
| Burson, D. C. | *Maryland* | Dr. J. C. Slay. |
| Bailey, G. P. | *Massachusetts* | Dr. T. T. Cushman. |
| Carruth, R. M. | *Louisiana* | Dr. R. H. Day. |
| Case, Geo. D. | *Georgia* | Dr. I. L. Harris. |
| Callen, J. S. | *Pennsylvania* | Dr. G. L. Reagan. |
| Carcaud, O. B. | *Maryland* | Dr. J. S. Smith. |
| *Castleman, H. S. | *West Virginia* | Faculty. |
| Campbell, Chas. | *Pennsylvania* | Dr. Z. S. Jones. |
| Cox, B. F. | *North Carolina* | Dr. M. M. Hayworth. |
| Chitwood, O. A. | *Tennessee* | Dr. R. H. McGunhey. |
| Cheeseman, B. C. | *New York* | Dr. J. R. Sturtevant. |
| Chaffee, Francis. | *Pennsylvania* | Dr. F. Fairchild. |
| Clark, G. L. | *Georgia* | Dr. J. W. Clark. |
| Cleveland, J. P. | *Virginia* | Dr. J. H. Bledsoe. |
| Coates, L. R. | *Maryland* | Dr. C. E. Coates. |
| Compton, G. D. | *Georgia* | Dr. W. H. Hall. |

*Graded Course Students.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Cosgrove, W. B. | *Pennsylvania* | Dr. J. L. Cooke. |
| Carman, J. H. | *New Jersey* | Dr. A. Treganowan. |
| Cooper, J. F. | *Kentucky* | Dr. V. M. Edwards. |
| *Cook, F. M. | *New Jersey* | Dr. J. S. Cook. |
| Coy, M. C. | *Ohio* | Dr. O. Bennett. |
| Craddick, Jos. N. | *Maryland* | Faculty. |
| Caskie, Jas. M. | *Virginia* | Dr. J. B. Burroughs. |
| Calhoun, J. Grant | *Maryland* | Dr. C. M. Cheston. |
| Davis, W. H. | *Virginia* | Dr. P. W. Atkins. |
| Davis, O. A. | *Alabama* | Dr. T. W. Sykes. |
| Davis, G. A. | *West Virginia* | Drs. Brown and Walls. |
| Deputy, M. A. | *Arkansas* | Dr. A. A. Hornor. |
| Deshler, J. Jordan | *Pennsylvania* | Dr. E. J. Deshler. |
| Disbrow, Stephen A. | *New Jersey* | Dr. R. L. Disbrow. |
| Dilliard, B. F. | *Pennsylvania* | Dr. V. B. Hurbner. |
| Doud, Edward J. | *New Jersey* | Dr. Edwin H. Beeber. |
| Donaldson, N. F. | *Nebraska* | Dr. F. Donaldson. |
| Donaldson, F., Jr. | *Pennsylvania* | Dr. F. Donaldson. |
| Dodge, Frank B. | *New York* | Dr. F. H. Moyer. |
| Du Shane, J. S. | *Pennsylvania* | Dr. J. L. Cook. |
| Duvall, John M | *Maryland* | Dr. Jos. R. Duvall. |
| Edmiston, F. G., M. D | *West Virginia* | |
| Eccles, Frank M. | *Maryland* | Dr. N. W. Kneass. |
| Edgar, J. C. | *Pennsylvania* | Faculty. |
| Edie, Guy L., M. D. | *Virginia* | University of Virginia. |
| Emrick, H. M | *Pennsylvania* | Dr. I. W. Sheets. |
| Emrick, B. F. | *Pennsylvania* | Dr. I. W. Sheets. |
| Evans, Carroll D. | *Pennsylvania* | Dr. W. H. McCullough. |
| Ewell, Edgar | *North Carolina* | Dr. A. Hassell. |
| Eggert, George G. L. G. | *Pennsylvania* | Drs. Eggert and Hall. |
| Fauver, T. Hunter | *Virginia* | Faculty. |
| Fisher, P. P. | *Pennsylvania* | Dr. J. T. Waid. |
| Fickes, Franklin | *Pennsylvania* | Dr. D. J. Plank. |
| *Flinn, B. W. | *Arkansas* | Dr. C. J. Flinn. |
| Focht, M. Luther | *Pennsylvania* | Dr. T. H. Wilson. |
| Froehling, Henry | *Maryland* | Faculty. |
| Free, Spencer M. | *Pennsylvania* | Dr. E. W. Free. |
| Franklin, Lewis S. | *West Virginia* | Dr. Wm. P. Neale. |
| Frye, Jas. P. | *Pennsylvania* | Dr. J. A. Leatherman. |

* Graded Course Students.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Frierson, E. C. | *South Carolina* | Dr. M. L. Sharpe. |
| Gary, R. H. | *North Carolina* | Dr. John T. Eldridge. |
| Gettys, John | *Pennsylvania* | Dr. J. D. Kirk. |
| *Gibbs, E. A. | *Virginia* | Faculty. |
| Goodman, Frank S. | *Maryland* | Drs. A. & W. C. Claude. |
| Gordy, F. M. | *Georgia* | Dr. W. A. Gregory. |
| Gibbs, W. St. C. | *Pennsylvania* | Dr. J. W. Gibbs. |
| Griffin, Henry J. | *New York* | Dr. B. S. McCabe. |
| Hisey, F. M. | *Virginia* | Dr. A. P. Belew. |
| Harter, T. C. | *Pennsylvania* | Dr. B. F. Gardner. |
| Hall, I. H. | *Georgia* | Dr. W. H. Hall. |
| Haines, Jr., C. A. | *Pennsylvania* | Dr. H. D. Rentschler. |
| Hazeltine, Laban | *Pennsylvania* | Dr. Reverdy B. Stewart. |
| Hazlett, C. W. | *New York* | Dr. W. G. Humphrey. |
| *Hall, Kenan | *Georgia* | Dr. C. H. Hall. |
| Harris, C. Bowman | *West Virginia* | Faculty. |
| Haxall, H. | *Virginia* | Dr. W. H. Haxall. |
| Hammond, G. A. | *Alabama* | Dr. F. M. Rushing. |
| Harper, Robt. M | *West Virginia* | Faculty. |
| Harkins, W. B. | *Pennsylvania* | Dr. W. J. Randall. |
| Hagerman, S. A. | *Ohio* | Dr. S. H. Sturgis. |
| Herring, S. L. | *Texas* | Dr. W. N. Sneed. |
| Harne, F. H., M. D. | *Maryland* | Washington University. |
| Heard, J. E. | *Maryland* | Prof. John S. Lynch. |
| *Heiskell, Sydney O. | *Maryland* | Faculty. |
| Hill, John E. | *Tennessee* | Dr. G. W. Everett. |
| Hitzrot, H. W., M. A. | *Pennsylvania* | Dr. R. F. Carr. |
| Hildebrand, C. G. | *Pennsylvania* | Dr. Geo. P. Yost. |
| Hill, Joe | *North Carolina* | Dr. L. H. Hill. |
| *Howe, E. S. | *New York* | Dr. I. P. Bidwell. |
| Hollis, C. M. | *West Virginia* | Dr. R. R. Frey. |
| Hoskinson, Wilson N. | *Pennsylvania* | Dr. I. P. Sheibley. |
| Hunt, Charles W. | *West Virginia* | Dr. Isaiah Bee. |
| Humphrey, W. G. | *Pennsylvania* | Dr. W. T. Humphrey. |
| Hudson, W. B. | *Georgia* | Dr. H. J. Hudson. |
| Hutchinson, D. A. | *Arkansas* | University of La. |
| Harr, H. W. | *West Virginia* | Dr. J. W. Lazzell. |
| Hurd, Geo. A. | *Michigan* | Faculty. |
| Hamilton, A. T. | *Ohio* | Dr. I. W. Alexander. |

*Graded Course Students.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Jackson, T. J | *Virginia* | Faculty. |
| Jennings, Gainor | *Ohio* | Drs. Jennings and Kessler. |
| Jenkins, J. H | *Kentucky* | Drs. Hacker and Hobbs. |
| Jewell, J. E | *Tennessee* | Dr. J. R. Leonard. |
| Jones, A. P | *West Virginia* | Dr. Wm. N. Jones. |
| Jones, Thos. J | *North Carolina* | Dr. J. O. Wilcox. |
| Jordan, Archie C | *North Carolina* | Dr. W. A. Wilborn. |
| Jordan, Thos. M | *North Carolina* | Dr. George L. Kirby. |
| Johnston, W. A | *Virginia* | Dr. H. G. Johnson. |
| Jolley, B. B | *Virginia* | Dr. Thomas W. Smith. |
| Keeler, E. A | *New Jersey* | Drs. Seal and Sullivan. |
| Keister, B. C | *Virginia* | Drs. Wingo and Payne. |
| Keitt, E. Geo | *South Carolina* | Dr. Jas. M. H. Ruff. |
| Kisner, J. C | *Pennsylvania* | Dr. J. C. Fruit. |
| King, W. L | *Pennsylvania* | Dr. Byron W. Walling. |
| Kinsley, F. D | *New York* | Drs. W. S. Housinger & Son |
| Kendall, W. Q | *Alabama* | Drs. Winnemore & Pierce. |
| Knapp, J. J | *Pennsylvania* | Dr. H. H. Cowles. |
| Knapp, G. W | *West Virginia* | Dr. E. F. Raymond. |
| Knox, R. S | *Mississippi* | Dr. E. R. Armistead. |
| Kuhlman, W. S | *Pennsylvania* | Dr. H. L. Bevan. |
| *Laciar, Henry J | *Pennsylvania* | Drs. Ewing & De Young. |
| Luther, Fred M | *Virginia* | Dr. James C. Watson. |
| Lafferty, J. Henderson | *Pennsylvania* | Dr. Thos. Carson. |
| Latimer, C. Harris | *Maryland* | Dr. M. R. Latimer. |
| Ladd, Leonard E | *Maine* | Dr. A. W. Larrabee. |
| Latimer, James P | *Ohio* | Dr. A. J. Erwin. |
| Lanham, T. F | *West Virginia* | Dr. J. M. Lazzell. |
| Lewis, Jr., Thomas | *Pennsylvania* | Dr. P. A. Bissell. |
| Lee, Geo. L | *Pennsylvania* | Dr. P. D. Neff. |
| Leitzel, L. C. P | *Pennsylvania* | Dr. J. B. Leitzel. |
| Linder, E. L | *South Carolina* | Dr. S. S. Linder. |
| Lightner, Theo | *Pennsylvania* | Dr. D. Fuget. |
| Little, H. McD | *North Carolina* | Dr. McYount. |
| Lowe, J. W | *Pennsylvania* | Dr. J. W. Chambers. |
| Long, Benj. L | *North Carolina* | Dr. J. G. Wiltshire. |
| Lynch, Thos. | *Alabama* | Prof. John S. Lynch. |
| Long, George W., M. D | *North Carolina* | University of Pa. |
| Lupfer, Geo. W | *Pennsylvania* | Dr. J. D. Shull. |

*Graded Course Students.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Mairs, Adam T. | *West Virginia* | Dr. Wm. Mairs. |
| May, S. W. | *Alabama* | Dr. F. M. Rushing. |
| Martin, R. S. | *North Carolina* | Dr. J. L. Peatross. |
| Maucher, A. J. | *Pennsylvania* | Dr. J. E. Maucher. |
| Mosely, H. P. | *North Carolina* | Dr. G. W. Manley. |
| Magee, John | *New York* | Dr. Daniel Magee. |
| McBrayer, T. C. | *North Carolina* | Dr. J. H. McBrayer. |
| McDonald, C. M. | *Georgia* | Dr. S. B. Hawkins. |
| McGrew, F. R. | *Pennsylvania* | Dr. J. D. Hazlett. |
| McIntosh, W. Page | *Arkansas* | Dr. McCannon. |
| McIntosh, D. F. | *Ohio* | Dr. Angus Noble. |
| McMaster, D. E. | *South Carolina* | Dr. T. A. Bradley. |
| McKelvy, J. K. | *Ohio* | Dr. H. C. Dicus. |
| McSwain, Thos. C. | *North Carolina* | Faculty. |
| Miller, J. S. | *Pennsylvania* | Dr. T. M. Curran. |
| Mills, N. B. | *North Carolina* | Dr. I. C. Mills. |
| Moyer, Frank A. G. | *Pennsylvania* | Prof. A. B. Arnold. |
| Moore, B. F. | *Tennessee* | Dr. A. P. Waddell. |
| Moose, John W. | *North Carolina* | Dr. J. A. McCalpine. |
| Montgomery, W. H. | *Pennsylvania* | Dr. Eli Conn. |
| Moore, W. E. | *Ohio* | Dr. E. S. Ellis. |
| Mott, W. F. | *Pennsylvania* | Dr. John Foot. |
| Mullins, Peter H. | *Virginia* | Dr. J. R. Dillard. |
| Mowery, H. A. | *Pennsylvania* | Dr. J. L. Mowery. |
| McCaleb, J. H. | *Louisiana* | Dr. J. J. Wade. |
| Newton, L. C. | *Michigan* | Dr. R. L. Baron. |
| Neel, Harvey | *Pennsylvania* | Dr. I. A. Stone. |
| Nickell, G. M. | *West Virginia* | Drs. Brown and Shields. |
| Nicholson, A. S. | *Maryland* | Faculty. |
| Nicholson, S. T. | *North Carolina* | Dr. D. T. Taylor. |
| Noland, B. F. | *Virginia* | Dr. S. F. Noland. |
| Norman, Seaton | *Maryland* | Dr. N. W. Kneass. |
| Orsburn, H. K. | *Kentucky* | Drs. Orsburn & Blandford. |
| Owen, W. P. | *Mississippi* | Drs. Sharp and Mims. |
| Patterson, J. M. | *Pennsylvania* | Dr. W. T. Bradley. |
| Pair, A. D. | *North Carolina* | Dr. J. H. Darden. |
| Parvin, Howard M | *Pennsylvania* | Dr. D. A. J. Annon. |
| Paddy, Estep | *Maryland* | Dr. W. H. Bennett. |
| Parrott, John S. | *Maryland* | Faculty. |
| Palmerton, R. K. | *New York* | Dr. B. E. Radeker. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Pearson, W. S. | *Tennessee* | Dr. J. A. Lipsomb. |
| Pirkey, Hugh | *Virginia* | Dr. J. T. Harrison. |
| Pool, C. M | *North Carolina* | Dr. M. Whitehead. |
| Porter, J. C | *Georgia* | Dr. W. A. Gregory. |
| Posey, B. F | *South Carolina* | Dr. J. W. Posey. |
| Pole, Henry S | *Virginia* | Dr. A. C. Pole. |
| Powers, J. J | *New York* | Dr. C. H. Bartlett. |
| Pritchard, M. R | *Pennsylvania* | Dr. A. L. Bottum. |
| Price, H. M | *Pennsylvania* | Dr. E. N. Smith. |
| Prowell, R. S | *Pennsylvania* | Dr. J. W. Roop. |
| Powell, Wm. E | *North Carolina* | Dr. W. H. H. Cobb. |
| Phillips, Cyrus B. | *New Jersey* | Dr. C. C. Phillips. |
| Phillips, E. R | *North Carolina* | Dr. J. O. Wilcox. |
| Phillips, John E | *Virginia* | Dr. I. T. Phillips. |
| Plank, R. Milton | *Pennsylvania* | Dr. J. R. Plank. |
| Ray, Chas. W | *New York* | Dr. Wm. B. Maynard. |
| Reamy, Alexander | *Maryland* | Dr. T. J. Micheau. |
| Ricketts, Jas. A | *Tennessee* | Dr. W. Morris. |
| Riggs, E. P | *Alabama* | Dr. A. Bowie. |
| *Rippard, James C | *Pennsylvania* | Dr. J. B. Crawford. |
| Rimer, J. T | *Pennsylvania* | Drs. Eggert and Hall. |
| Ring, J. W | *North Carolina* | Dr. J. F. Shoffner. |
| Richardson, C. L | *Louisiana* | Dr. W. M. Richardson. |
| Riggs, C. E | *Texas* | Drs. Long and Riggs. |
| Ross, W. R | *Pennsylvania* | Drs. Alter and Hoover. |
| Rowe, O. M | *Maryland* | Dr. J. Z. Taylor. |
| Rothrock, Marand | *Pennsylvania* | Dr. R. Rothrock. |
| Rogers, L. L | *Pennsylvania* | Drs. Rogers and Barton. |
| Rose, L. B | *Virginia* | Faculty. |
| Rohm, J. T | *Pennsylvania* | Dr. A. Enfield. |
| Rhodes, Marion B | *Virginia* | Dr. J. A. Alexander. |
| Rhodes, C. J | *North Carolina* | Dr. T. H. Avra. |
| Sadler, W. F | *Alabama* | Dr. C. A. Edwards. |
| Schutz, Chas | *Maryland* | Faculty. |
| Scarborough, J. H | *North Carolina* | Dr. J. H. Darden. |
| Schropp, W. F | *Pennsylvania* | Dr. D. Schropp. |
| Schank, Powhatan S | *Virginia* | Dr. G. C. Starke. |
| Schneider, C | *Pennsylvania* | Dr. G. W. Burket. |
| Schweitzer, R. S | *Pennsylvania* | Dr. S. B. Foreman. |

*Graded Course Students.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Schiltneck, Chas. N. | *Maryland* | Drs. Walls and Clagett. |
| Sellman, Geo. W. | *Maryland* | Dr. Byron Walling. |
| Seiss, F. H. | *Pennsylvania* | Dr. R. S. Seiss. |
| Seitz, Irvin | *Pennsylvania* | Dr. Wm. Sebo. |
| Shutt, John T. | *Pennsylvania* | Dr. J. A. Carson. |
| Shive, S. D. | *Pennsylvania* | Dr. C. D. Fretz. |
| *Silver, Geo. A. | *New Jersey* | Dr. J. B. Pellet. |
| Simms, Thomas J. | *Maryland* | Faculty. |
| Stillman, Geo. B. | *New York* | Dr. G. B. Stockton. |
| Stewart, R. B. | *Virginia* | Dr. R. B. Stewart. |
| Stewart, J. W. | *Pennsylvania* | Dr. R. B. Smith. |
| Stewart, J. G. | *Pennsylvania* | Dr. Wm. McBryan. |
| Stewart, W. R. | *Virginia* | Dr. T. M. Lewis. |
| Strang, Andrew | *Maryland* | Dr. D. W. Williams. |
| *Stearnes, Jas. D. | *Virginia* | Dr. J. L. Stearnes. |
| Sturgeon, John Dawson | *Pennsylvania* | Dr. W. H. Sturgeon. |
| Small, Harry D. | *Maryland* | Dr. J. C. Watson. |
| Smith, Samuel Mc. | *Pennsylvania* | Dr. W. D. Ard. |
| Smith, S. Harper | *Pennsylvania* | Dr. J. W. Alexander. |
| Smith, Geo. S. | *Pennsylvania* | Dr. E. H. Smith. |
| Smith, Ben Hall | *Georgia* | Dr. R. G. Norton. |
| *Sprecher, D. Boteler | *Maryland* | Dr. T. B. Owings. |
| Strittmatter, I. P. | *Pennsylvania* | Dr. James J. Oatman. |
| Spradling, John B. | *Tennessee* | Dr. T. J. Rice. |
| Small, Jr., Peter B. | *Maryland* | Dr. N. W. Kneass. |
| Taylor, Jas. R. | *Ohio* | Dr. A. R. Anderson. |
| Talbott, W. E. | *West Virginia* | Dr. J. J. Morgan. |
| Taylor, Frank | *Missouri* | Faculty. |
| Templeton, G. G. | *Pennsylvania* | Dr. W. Y. Leneagal. |
| Tillotson, H. John | *New York* | Dr. H. Pettibone. |
| Tilson, L. S. | *Tennessee* | Dr. N. N. Warlick. |
| Tool, E. A. | *Pennsylvania* | Dr. I. W. Sheets. |
| Thomas, Geo. | *Maryland* | Dr. James Thomas. |
| Thomas, W. H. | *Virginia* | Dr. J. C. Hyde. |
| Turner, T. R. | *Texas* | Dr. A. G. Clopton. |
| Turner, Benj. A. | *Maryland* | Dr. Adams. |
| Turner, D. O. | *Virginia* | Dr. B. H. Hite. |
| Ulrich, M. | *Pennsylvania* | Dr. T. H. Wilson. |
| Unruh, M. L. | *Pennsylvania* | Dr. W. H. H. Gardner. |

*Graded Course Students.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Vincent, W. A. | *New York* | Dr. S. V. Frame. |
| Van Tuyl, E. A. | *Pennsylvania* | Dr. J. H. Price. |
| Vedder, Wentworth D. | *New York* | Dr. L. Ellwood. |
| Vosburgh, A. J. | *West Virginia* | Dr. J. Vosburgh. |
| Ward, E. E. | *New York* | Dr. W. T. Burdick. |
| Wagner, John O. | *Pennsylvania* | Dr. Percival Hermann. |
| Walkup, A. M. | *Virginia* | Dr. W. E. Walkup. |
| Ward, M. P. | *North Carolina* | Dr. I. B. Thompson. |
| Walters, John L. | *Pennsylvania* | Dr. M. A. Wesner. |
| *Watson, C. M. | *Alabama* | Dr. I. W. Clement. |
| Weaver, Clinton H. | *Connecticut* | Prof. C. F. Bevan. |
| Weagley, T. H. | *Pennsylvania* | Dr. W. A. Grubb. |
| Wetherill, Ira R. | *Ohio* | Dr. R. Davenport. |
| Westmoreland, G. M., M. D. | *South Carolina.* | |
| Whittington, W. P. | *North Carolina.* | Dr. B. B. Whittington. |
| White, Geo. D. | *Virginia* | Dr. Isaac White. |
| Wilcox, Hamilton Jarvis | *Minnesota* | Dr. D. W. Cathell. |
| Williams, M. T. | *Tennessee* | Dr. G. C. Williams. |
| Williamson, H. G. | *Tennessee* | Dr. J. C. Roberts. |
| Williamson, R. H. | *North Carolina.* | Dr. A. G. Yancey. |
| Wise, Braxton | *Louisiana* | Dr. J. S. Wise. |
| Wise, J. A. | *North Carolina.* | Dr. J. G. Cannady. |
| Wise, B. T. | *Georgia* | Dr. J. F. Cato. |
| Wood, C. D. | *Pennsylvania* | Dr. W. A. Means. |
| Woofter, A. Judson | *West Virginia* | Dr. M. W. Hughes. |
| Witten, R. M. | *Virginia* | Dr. C. P. Crockett. |
| Wilson, Will R. | *Pennsylvania* | Dr. Ezra Brugh. |
| Wingo, Charles E. | *Virginia* | Dr. C. C. Wingo. |
| Wright, George J. | *Ohio* | Dr. B. F. & I. Miesse. |
| Wilcox, J. O., M. D. | *North Carolina.* | |
| Yater, J. W. | *West Virginia* | Dr. W. S. Howard. |
| Young, Wm. K. | *Pennsylvania* | Dr. Wm. McBryar. |
| Ziegler, William L. | *Pennsylvania* | Dr. H. R. Caslow. |
| Zollicoffer, D. B. | *North Carolina.* | Dr. A. R. Zollicoffer. |

* Graded Course Students.

# GRADUATING CLASS, 1880.

| NAME. | STATE. |
|---|---|
| Archey, L. M. | West Virginia. |
| Abernethy, B. G. | Alabama. |
| Atkinson, D. C. | South Carolina. |
| Briscoe, Philip | Maryland. |
| Bell, G. M. | North Carolina. |
| Bietz, A. J. | Ohio. |
| Boyd, Isaac N. | Pennsylvania. |
| Bowman, Darius Z. | Pennsylvania. |
| Blair, G. A. | Pennsylvania. |
| Brower, Chas. S. | New York. |
| Bird, Wm. | Maryland. |
| Brigham, B. L. | Pennsylvania. |
| Brown, J. M. | Virginia. |
| Beers, L. A. | Ohio. |
| Carruth, R. M. | Louisiana. |
| Coates, L. Roberts | Maryland. |
| Cosgrove, W. B. | Pennsylvania. |
| Caskie, Jas. M. | Virginia. |
| Cheeseman, B. C. | New York. |
| Cooper, J. F. | Kentucky. |
| Castleman, H. S | West Virginia. |
| Clark, G. L. | Georgia. |
| Chaffee, Francis | Pennsylvania. |
| Dodge, Frank B. | New York. |
| Doud, Edward J. | New Jersey. |
| Deshler, J. Jordan | Pennsylvania. |
| Donaldson, N. F. | Nebraska. |
| Donaldson, Jr., F. | Pennsylvania. |
| Davis, G. A. | West Virginia. |
| Emrick, H. M. | Pennsylvania. |

| NAME. | STATE. |
|---|---|
| FREE, SPENCER M. | Pennsylvania. |
| FRYE, JAS. P. | Pennsylvania. |
| FRIERSON, E. C. | South Carolina. |
| GRIFFIN, HENRY J. | New York. |
| HUNT, CHARLES W | West Virginia. |
| HALL, I. H. | Georgia. |
| HAINES, JR., C. A. | Pennsylvania. |
| HAZLETINE, LABAN | Pennsylvania. |
| HUMPHREY, W. G. | Pennsylvania. |
| HITZROT, H. W. | Pennsylvania. |
| HARNE, F. H., M. D. | Maryland. |
| HARRIS, C. BOARMAN | West Virginia. |
| HILL, JOE | North Carolina. |
| HARKINS, W. B. | Pennsylvania. |
| HUTCHINSON, D. A. | Arkansas. |
| HAMILTON, A. T. | Ohio. |
| KISNER, J. C. | Pennsylvania. |
| KNAPP, G. W. | West Virginia. |
| KENDALL, W. Q. | Alabama. |
| KING, W. L. | Pennsylvania. |
| KUHLMAN, W. S. | Pennsylvania. |
| KEELER, E. A. | New Jersey. |
| KNOX, R. S. | Mississippi. |
| LOWE, J. W. | Pennsylvania. |
| LUTHER, FRED. M. | Virginia. |
| LATIMER, JAMES P. | Ohio. |
| LIGHTNER, THEO. | Pennsylvania. |
| LITTLE, H. MCD. | North Carolina. |
| LANHAM, T. F. | West Virginia. |
| MOOSE, JOHN W. | North Carolina. |
| MCGREW, F. R. | Pennsylvania. |
| MILLER, J. S. | Pennsylvania. |
| MCDONALD, C. M. | Georgia. |
| MCKELVY, J. K. | Ohio. |
| MAGEE, JOHN | New York. |
| MOTT, W. F. | Pennsylvania. |
| NEWTON, L. C. | Michigan. |
| NICHOLSON, A. S. | Maryland. |
| ORSBURN, H. K. | Kentucky. |
| OWEN, W. P. | Mississippi. |

| NAME. | STATE. |
|---|---|
| PRITCHARD, M. R. | Pennsylvania. |
| PATTERSON, J. M. | Pennsylvania. |
| POOL, C. M. | North Carolina. |
| PADDY, ESTEP | Maryland. |
| POSEY, B. F | South Carolina. |
| POLE, HENRY S. | Virginia. |
| PROWELL, R. S. | Pennsylvania. |
| PHILLIPS, JOHN E. | Virginia. |
| PLANK, R. MILTON | Pennsylvania. |
| ROHM, J. THORNTON | Pennsylvania. |
| ROSS, W. R. | Pennsylvania. |
| RICKETTS, JAS. A. | Tennessee. |
| RHODES, MARION B. | Virginia. |
| RAY, CHAS. W. | New York. |
| RING, J. W. | North Carolina. |
| RICHARDSON, C. L. | Louisiana. |
| RIGGS, C. E. | Texas. |
| STILLMAN, GEO. B. | New York. |
| SCHROPP, W. F. | Pennsylvania. |
| SMITH, SAMUEL MC. | Pennsylvania. |
| STEWART, J. W. | Pennsylvania. |
| SEISS, FRANKLIN H. | Pennsylvania. |
| STRANG, ANDREW | Maryland. |
| STEWART, W. R. | Virginia. |
| SHUTT, JOHN T. | Pennsylvania. |
| SIMMS, THOMAS J. | Maryland. |
| STURGEON, JOHN DAWSON | Pennsylvania. |
| SCHILTNECK, CHAS. N. | Maryland. |
| TILLOTSON, H. JOHN | New York. |
| TURNER, D. O. | Virginia. |
| TALBOTT, W. E. | West Virginia. |
| ULRICK, M. | Pennsylvania. |
| VEDDER, WENTWORTH D. | New York. |
| WILCOX, HAMILTON JARVIS | Minnesota. |
| WAGNER, J. O. | Pennsylvania. |
| WITTEN, R. M. | Virginia. |
| WILSON, WILL R. | Pennsylvania. |
| WINGO, CHARLES E. | Virginia. |
| WEAVER, C. H. | Connecticut. |
| YATER, J. W. | West Virginia. |

## PRIZES.

| | | |
|---|---|---|
| A. J. Bietz | Ohio | Cathell Prize.<br>1st College Prize. |
| H. W. Hitzrot | Pennsylvania | Brown Memorial Prize.<br>2d College Prize. |
| F. B. Dodge | New York | 3d " " |
| R. M. Carruth | Louisiana | 4th " " |
| Milton R. Plank | Pennsylvania | 5th " " |
| Laban Hazeltine | Pennsylvania | 6th " " |
| G. W. Knapp | West Virginia | 7th " " |

## GRADED COURSE.

E. A. Gibbs, (2d year), *Dis. Nerv. Sys., Dis. of Skin, Gynaecology, and Diseases of Eye and Ear.*

Sydney O. Heiskell, (2d year), *Dis. Nerv. Sys., Dis. Eye and Ear, Med. Juris. and Phys.*

Kenan Hall, (2d year), *Mat. Med. and Therap., Gynaecology, Physiology and Chemistry.*

Henry J. Laciar, (2d year), *Diseases Nerv. Sys., Dis. of Skin, Gynaecology, Dis. Eye and Ear.*

Jas. C. Rippard, (2d year), *Dis. Nerv. Sys., Anatomy, Dis. Eye and Ear, Gynaecology, Med. Juris. and Chemistry.*

D. Boteler Sprecker, (2d year), *Dis. Nerv. Sys., Dis. Skin, Gynaecology, and Dis. Eye and Ear.*

Jas. D. Stevens, (1st year), *Mat. Med. and Therap.*

# DAILY ORDER OF LECTURES.

## SESSION 1879-80.

| HOUR | MONDAY. | TUESDAY. | WEDNESDAY. | THURSDAY. | FRIDAY. | SATURDAY. |
|---|---|---|---|---|---|---|
| 9 A. M. | PROF. COSKERY. | PROF. ATKINSON. | PROF. COSKERY. | PROF. ATKINSON. | PROF. OPIE. | PROF. ATKINSON. |
| 10 " | " LATIMER. | " HOWARD. | " LATIMER. | " LYNCH. | " HOWARD. | " LYNCH. |
| 11 " | " LYNCH. | " BEVAN. | " HOWARD. | " ERICH. | " BEVAN. | " LATIMER. |
| 12 M. | " ARNOLD. | " LYNCH. | " ARNOLD. | " BEVAN. | " ARNOLD. | " COSKERY. |
| 1 P. M. | " FRIEDENWALD. | " OPIE. | " ERICH. | " FRIEDENWALD. | " ERICH. | " BEVAN. |
| 4 " | | | " SIMON. | | | " SIMON. |

**HOSPITAL CLINICS.**

| | | | |
|---|---|---|---|
| PROFESSOR ARNOLD, | Nervous Diseases, | *Monday,* | 12 M. |
| " FRIEDENWALD, | Eye and Ear, | " | 1 P. M. |
| " ATKINSON, | Skin Diseases, | *Tuesday,* | 9 A. M. |
| " LYNCH, | Medical, | " | 12 M. |
| " ERICH, | Woman, | *Wednesday,* | 1 P. M. |
| " LATIMER, | Children's Diseases, | *Thursday,* | 11 A. M. |
| " BEVAN, | Orthopedic and Venereal | " | 12 M. |
| " COSKERY, | Surgical, | *Saturday,* | 12 M. |
| " OPIE, | Obstetric, | *Whenever cases of labor occur.* | |

Dissections daily corner Hanover and Lombard Streets.

# TEXT-BOOKS.

*The First Named Book in Each Branch is Preferred.*

---

## Surgery.

Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.

## Practice of Medicine.

Bristowe, Niemeyer, Cohen on the Throat.

## Obstetrics.

Playfair, Cazeaux, Barker on Puerperal Diseases; Barnes on Obstetric Operations.

## Diseases of Women.

Thomas, Emmet, Barnes.

## Medical Jurisprudence.

Taylor, Beck, Tanner on Poisons.

## Anatomy.

Gray, Wilson.

## Materia Medica.

Wood, Stillé, Biddle, U. S. Dispensatory, Ringer's Therapeutics.

## Physiology.

Dalton, Foster, Carpenter.

## Chemistry and Toxicology.

Attfield, Youmans, Bowman's Practical Chemistry.

## Diseases of the Eye, the Ear and the Skin.

Lawson, Wells on the Eye, Turnbull on the Ear, Pifford on Diseases of the Skin.

## Diseases of Children.

Smith, West, Bouchut.

## Nervous System.

Rosenthal, Charcot, Althaus' Med. Electricity.

## Genito-Urinary Diseases.

Van Buren and Keys and Bumstead on Venereal Diseases, and Otis on Stricture.

# ALUMNI ASSOCIATION

OF THE

# COLLEGE OF PHYSICIANS AND SURGEONS,

## OF BALTIMORE.

The success of the College of Physicians and Surgeons may well be viewed with pride and pleasure by her graduates. It is to be hoped that they will all join this Society, and aid in advancing the interests of their Alma Mater. An annual meeting and banquet take place at the end of each session, to which graduates and students are invited. Desiring to foster a spirit of emulation and professional ambition among the graduates of the College, and to collect from year to year a full and accurate history of her classes, the following information is requested: 1st. The names and post-office addresses of all graduates. 2d. The names and dates of their literary degrees. 3d. Places of honor and trust held in the profession since graduation, with dates of appointment and terms of service. 4th. Full information concerning deceased graduates. The collection of these facts will be conducted by the Secretary of the Alumni Association, who will publish them in subsequent editions of the catalogue.

OSCAR J. COSKERY, M. D., *President.*
LABAN HAZELTINE, M. D., *Vice-President.*
SPENCER M. FREE, M. D., *Secretary.*
DAVID STREETT, M. D., *Treasurer.*

# THE BALTIMORE COLLEGE OF DENTAL SURGERY.

This Institution was chartered in 1839 by an Act of the General Assembly of Maryland, and is the oldest and most widely known Dental College in the world. The majority of the eminent practitioners of dentistry in this country and Europe are graduates of the Baltimore College. The College Building is one of the largest and finest structures of the kind in this country, and the collection of specimens in the Museum cannot be excelled. The number of patients daily visiting the Infirmary has been so great that the Faculty have been compelled to add additional space and chairs to the already large and well-arranged Operating Hall. All such patients are operated on by the students, under the careful supervision of the Professors and Demonstrators.

The Annual Course of Instruction will commence on October 15th of each year, and continue until the beginning of March following. The first weeks of the Session are devoted to Lectures on practical subjects, especially the "Filling of Teeth," and construction of Artificial Teeth, Clinics, Infirmary Practice and Demonstrations.

The fees each session are $100, Demonstrators' fees included; Matriculation Fee, $5; Diploma Fee, for candidates for graduation, $30; Dissecting Ticket optional. *These fees, with the exception of the diploma fee, are expected to be paid on matriculating.*

THE INFIRMARY, in the College Building, is open during the entire year for dental operations, and students can enter at any time by paying $50, which is deducted from the fees of the succeeding regular winter course.

**PROFESSORS.**

FERD. J. S. GORGAS, M. D., D. D. S.,
*Professor of Pathology and Therapeutics.*

E. LLOYD HOWARD, M. D.,
*Professor of Chemistry and Materia Medica.*

JAMES H. HARRIS, M. D., D. D. S.,
*Professor of Clinical Dentistry.*

JAMES B. HODGKIN, D. D. S.,
*Professor of Dental Mechanism and Metallurgy*

THOS. S. LATIMER, M. D.,
*Professor of Anatomy and Physiology*

RICH'D B. WINDER, D. D. S., M. D.,
*Professor of Dental Surgery.*

**DEMONSTRATORS.**

GEORGE H. CHEWING, D. D. S.,
*Demonstrator of Operative Dentistry.*

JOHN C. UHLER, D. D. S., M. D.,
*Demonstrator of Mechanical Dentistry.*

AUG. W. SWEENY, JR., D. D. S.,

LUKE J. PEARCE, D. D. S.,
*Assistant Demonstrators.*

CHARLES F. BEVAN, M. D.,
*Demonstrator of Anatomy.*

Since the union of the Maryland Dental College with the Baltimore College of Dental Surgery, in March 1879, this latter is the *only* Dental College in Baltimore.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**F. J. S. GORGAS, M. D.,**
*Dean of Baltimore College of Dental Surgery,*
**No. 259 N. Eutaw St., Baltimore, Md.**

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IV. To better qualify young men and young women for the various positions or vocations of life.

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*To*.....*Dear.*

*Dear Sir:*

*I hereby recommend*

*Mr.*.....

*of*.....

.....

*as an Applicant for the Special Privilege. He is a young man of good preliminary education, excellent morals, and is wholly unable to pay the full fees of your school.*

*Very truly yours,*

.....

*M. D.*

# THE MARYLAND LYING-IN ASYLUM,

## 161 WEST LOMBARD STREET,

## BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons.**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or S. M. FREE, M. D., House Physician.

THOMAS OPIE, M. D.,

Dean of the Faculty.

MEDICORUM CHIRURGORUMQUE COLLEGII
ου λογῳ, αλλ' εργῳ
BALTIMORI.

81

# CATALOGUE

OF THE

# College of Physicians and Surgeons,

BALTIMORE.

## City Hospital Staff.

### SURGEONS:

PROF. OSCAR J. COSKERY, M. D.
" CHAS. F. BEVAN, M. D.
PROF. A. FRIEDENWALD, M. D.

### PHYSICIANS:

PROF. JOHN S. LYNCH, M. D.
" THOS. S. LATIMER, M. D.
PROF. A. B. ARNOLD, M. D.

RESIDENT PHYSICIAN, . . . H. J. LACIAR, M. D.
ASST. RESIDENT PHYSICIAN, . . . E. GEO. KEITT, M. D.

---

## Maternité Hospital Staff.

ATTENDING OBSTETRICIAN, . . PROF. THOS. OPIE, M. D.
RESIDENT PHYSICIAN, . . . . L. L. BITTING, M. D.

### OUT-DOOR DEPARTMENT.

WM. GOMBEL, M. D.
D. STREETT, M. D.
H. H. McGEE, M. D.
GEO. F. TAYLOR, M. D.
WILMER BRINTON, M. D.
JOHN D. BLAKE, M. D.
J. H. BRANHAM, M. D.

---

## Woman's Hospital Staff.

ATTENDING SURGEON, . . . PROF. A. F. ERICH, M. D.
RESIDENT PHYSICIAN, . . . JAMES F. BECKWITH, M. D.

---

CURATOR OF MUSEUM, . . . . . E. GEO. KEITT, M. D.

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# City Hospital Dispensary,

N. W. Cor. Calvert and Saratoga Sts

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This Institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the Poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From these sources abundant material is derived for clinical instruction in Practical Medicine and Surgery.

—1881—

# College of Physicians and Surgeons.

## BALTIMORE.

BALTIMORE:
ISAAC FRIEDENWALD, PRINTER,
103 W. Fayette Street.

# College of Physicians and Surgeons.

## Faculty of Physic.

THOMAS OPIE, M. D.,
*Professor of Obstetrics.*

JOHN S. LYNCH, M. D.,
*Prof. of Principles and Practice of Medicine, and Clinical Prof. of Heart, Throat and Lungs.*

E. LLOYD HOWARD, M. D.,
*Professor of Materia Medica, Therapeutics, and Medical Jurisprudence.*

THOMAS S. LATIMER, M. D.,
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M. D.,
*Professor of Diseases of Women.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M. D.,
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.,
*Professor of Clinical Medicine and Diseases of the Nervous System.*

WM. SIMON, M. D., Ph. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.,
*Clinical Professor of Dermatology.*

RICHARD GUNDRY, M. D.,
SUPERINTENDENT OF SPRING GROVE INSANE ASYLUM,
*Professor of Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Demonstrator of Anatomy.*

J. H. BRANHAM, M. D.,
*Asst. Demonstrator.*

WM. D. BOOKER, M. D.,
*Demonstrator of Physiology.*

# Annual Announcement.

## 1881.

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The College of Physicians and Surgeons was organized in 1872. It has year by year added to the size of its classes and extended its facilities, so that now it is the largest medical school that has ever been in this State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons, under the latter name, giving this school all the rights, powers and property of both institutions.

It is a standing rule of the Faculty to lay aside every session a part of the net earnings of the school, to increase its material advantages.

Last year new, capacious and well equipped lecture halls were erected, and the property adjoining the City Hospital on Saratoga Street was purchased out of this fund, for the purposes of the Woman's Hospital.

This year a Physiological Laboratory has been established. An out-door obstetrical clinic has been organized in connection with the Maternité Hospital, and the whole clinical work of the College has been remodeled and systematized.

The possession by the College of a General Hospital in operation, constantly filled with patients, affords students ample opportunity for bedside instruction and experience.

The Maryland Lying-in Asylum furnishes abundance of material for clinical teaching in obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

All of the above-named institutions are under the exclusive charge of the College of Physicians and Surgeons.

Nothing has been left undone to perfect the clinical feature of our school, and the Faculty is now prepared to give the student superior advantages to any college in this country.

The control of the above-named hospitals and dispensary enables us to confer upon the graduating class a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the college.

It is the aim of the Faculty to give this school a high rank for sound medical acquirement in all departments. To attain this end, the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers, has been adopted as the best to assist the student in traversing the vast area of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The degree of Doctor of Medicine will only be conferred at the end of the Winter Session, which begins October 1st and ends March 1st. The preliminary course will commence September 15th. The regular session will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations, the treatment of disease and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortems and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's

Hospital, gives the best opportunities for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W. Corner of Calvert and Saratoga Streets, No. 51 Saratoga, and No. 161 W. Lombard Streets. Here all the lectures on Medicine, Surgery, and Gynæcology will be delivered. As the New Lecture Halls have been erected adjoining the wards of the City Hospital, which is under the same roof and connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily, and under the control of the Professor of Anatomy, assisted by two able demonstrators. Parties desiring to operate or dissect privately, can readily do so.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification, without cost to the city or individual. Its connection with the various police-stations by telegraph and telephone, enables them to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 161 West Lombard Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the

College has introduced a much needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well established fact that in no branch of medicine do bad results affect the patient or practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical method adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnose presentations, to judge as to the stage of labor, and are enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are they made familiar with all those physiological and healthy changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber, and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth. The colored wards, which were opened last year, are in successful operation, and recently an Out-door Obstetrical Department has been established, which will be a material addition to the obstetrical facilities of the school.

## GYNECOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided, in addition

to an excellent sky-light, gas and water, with a condensing illuminator, operations upon the interior of the vagina and uterus may be performed with equal facility in cloudy as in bright weather, and witnessed by the students with a distinctness we believe not attained elsewhere. All the free patients of the in-door and all the patients of the out-door department are available as "clinical material"; and the number of cases for this purpose during the past session has been so large that not more than half of them could be utilized. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnose and treat all the disorders of the female generative organs.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors in illustration of their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz:

*Monday*—Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the uses of the ophthalmoscope and otoscope by Prof. Friedenwald.

*Tuesday*—Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Arnold. Prof. Lynch gives special instruction in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

*Wednesday*—The special arrangements provided to prevent identification of female patients, attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the uterine speculum, probes, tents and pessaries, are illustrated by Professor Erich.

*Thursday*—Instruction is given in the diagnosis and treatment of diseases of children by Prof. Latimer.

There will also be a clinical and didactic lecture on Orthopedic and Genito-Urinary Surgery by Prof. Bevan.

*Friday*—The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Prof. Opie.

Practical instruction in the diagnosis and treatment of diseases of the skin, is given by Prof. Rohé.

*Saturday*—Surgical clinic by Prof. Coskery.

## THE PHYSIOLOGICAL LABORATORY,

recently established by the school, affords excellent opportunity for the study of clinical chemistry and microscopy.

It will be under the supervision of Prof. Latimer, assisted by the Demonstrator of Physiology, Wm. D. Booker, M. D.

## THE SPRING COURSE

begins on the 15th of March and ends on the 15th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation.

It is intended rather to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to receive further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty, which are given each day between the hours of 12 M. and 2 P. M.

Students and graduates are admitted to this course on payment of the matriculation fee, which is credited on the fees of the next winter session.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education, and have passed a satisfactory examination before the Faculty.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year Anatomy, Physiology, Materia Medica and Chemistry will be the special, and, in the option of the student, the sole subjects of study.

In the second Gynæcology, Diseases of the Eye and Ear, Diseases of the Nervous System and Diseases of the Skin, and Medical Jurisprudence.

In the third Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Clinical Medicine and Diseases of Children.

At the end of each year the student will be examined in the branches studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the succeeding year, and on them he will have to stand a second examination.

The graded student can attend all the lectures if he thinks proper to do so, but, as he will only be required to prepare himself for examination on the subjects which constitute that year's curriculum, it is believed that at the end of the course he will be *better* prepared than if he had attempted to read and prepare for examination on *all* the branches during two sessions. While the Faculty, therefore, do not *require* students offering themselves to this College to adopt this graded course, they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore is one of the most populous cities in the Union, thus affording its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find them-

selves surrounded by all that is calculated to please, improve and interest them.

## MEDALS AND CERTIFICATES OF HONOR.

*The Cathell Gold Medal* is awarded by Dr. D. W. Cathell, formerly Professor of Pathology in this College, to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a handsome silver medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The First Certificate of Honor* is also bestowed on the graduate whose standing is the highest.

*Five other Certificates of Honor* are awarded to the five graduates standing next in order of merit.

## HOSPITAL APPOINTMENTS.

In addition to the above medals and distinctions, the Faculty have it in their power to bestow upon those graduates standing highest in their classes four valuable appointments as resident hospital physicians, viz., two at the City Hospital, one at the Maternité, and one at the Maryland Woman's Hospital. These positions last for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunity for practical study and clinical practice.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120.

Tickets for one or more of the branches may be taken out separately.

## SPECIAL PRIVILEGE.

In order to place the facilities of this school within the reach of the qualified, yet poor young men of our country, and in conformity with the usage of the times, we receive a number of *Privileged Students.*

They are known as such only to the Dean, and are granted all the advantages the College affords.

Special Privilege Fee, . . . . . $55 00

Appointments will be made upon suitable recommendations

The Demonstrator's fee must be paid each year, as all students of this College are required to dissect. No charge is made for dissecting material.

*All fees, save for graduation, must be paid at the beginning of the session.*

## SUMMARY OF NECESSARY EXPENSES.

### Full Fees:

| | |
|---|---|
| College Fee, . . . . . | $120 00 |
| Board, Room, Fuel, Light, &c., for 20 weeks at $4 | 80 00 |
| Total, . . . . . | $200 00 |

### Special Privilege Fees:

| | |
|---|---|
| College Fee, . . . . . | $55 00 |
| Board, &c., . . . . . | 80 00 |
| Total, . . . . . | $135 00 |

Graduation Fee in all cases, $30 00.

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information, address,

THOMAS OPIE, M. D., Dean,

*N. E. Cor. Carey and Lexington Sts.*,

Baltimore, Md.

# CLASS 1880–81.

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Alexander, Geo. W. | *North Carolina* | Faculty. |
| Allison, Eugene | *New York* | Prof. O. J. Coskery. |
| Andrews, John O. | *Pennsylvania* | Dr. W. C. Brittain. |
| Ashcraft, E. H. | *Pennsylvania* | Dr. A. L. Bottum. |
| Badgett, J. F. | *North Carolina* | Dr. J. C. Mills. |
| Baillie, N. A., Jr. | *Maryland* | Faculty. |
| Baker, Bascom | *West Virginia* | Dr. J. F. Trahern. |
| Ball, Robert Dabney | *Maryland* | Dr. D. P. Wysong. |
| Bankes, C. W. | *Pennsylvania.* | Dr. B. K. Johnson. |
| Banks, Clark W. | *Pennsylvania.* | Dr. M. R. Banks. |
| Barkman, Geo. W. | *Maryland* | Dr. J. W. Chambers. |
| Battle, A. J. | *North Carolina* | |
| Baxter, C. L. | *Pennsylvania.* | Dr. A. M. Loop. |
| Bay, Wm. W. | *Ohio.* | Dr. W. P. Beebe. |
| Baynes, R. S. | *North Carolina* | Dr. W. G. Stafford. |
| Beatty, S. G. | *Pennsylvania.* | Dr. J. H. Smith. |
| Beckwith, J. F. | *North Carolina* | University of N. C. |
| Beckwith, Thomas L. | *North Carolina* | Dr. J. B. Beckwith. |
| Bell, B. F. | *Texas* | Dr. E. Jones. |
| Belt, Alfred M. | *Maryland* | Prof. A. F. Erich. |
| Bennett, A. B. | *Alabama.* | Dr. H. G. Henderson. |
| Bennett, Orlando, M. D. | *Ohio* | Prof. A. F. Erich. |
| Benninghoff, Milton | *New York* | J. J. Donaldson. |
| Berst, J. H. | *Indiana* | Dr. J. H. Davisson. |
| Billick, H. T. | *Pennsylvania.* | J. K. Vankirk. |
| Bitting, L. L. | *Maryland* | Faculty. |
| Bizzell, J. S. | *North Carolina* | Dr. A. M. Lee. |
| Blachly, F. L. | *Pennsylvania.* | Dr. E. H. Cary. |
| Black, R. J. | *Pennsylvania.* | Dr. C. H. Black. |
| Blakeslee, O. O. | *Pennsylvania.* | Dr. B. E. Phelps. |
| Bobbitt, Will H. | *North Carolina* | Dr. J. H. Branham. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Bosworth, C. H. | *Pennsylvania.* | W. T. Humphrey. |
| Bower, F. S. | *Pennsylvania.* | H. R. Caslow. |
| Bowers, John W | *Maine.* | Dr. M. W. Hall. |
| Boyer, S. J. | *Pennsylvania.* | Dr. J. D. Shull. |
| Bradshaw, Wm. G. | *North Carolina.* | Dr. J. M. Tomlinson. |
| Brotemarkle, Clinton | *Maryland* | J. Jones Wilson. |
| Brubaker, Charles J. | *Pennsylvania.* | Dr. H. R. Caslow. |
| Bryant, B. R. | *Virginia.* | Dr. E. C. Barrett. |
| Bulkley, L. N. | *Maryland* | Dr. J. L. W. Yost. |
| Bull, Thomas John | *Toronto, Ont.* | Faculty. |
| Byram, John | *New Jersey.* | Dr. J. D. King. |
| Cabell, J. R., Jr. | *Virginia.* | Dr. W. C. Cabell. |
| Callen, J. Spencer | *Pennsylvania.* | Dr. G. L. Reagan. |
| Carcaud, O. B. | *Maryland* | Dr. J. S. Smith. |
| Carman, J. H. | *New Jersey.* | Dr. A. Treganowan. |
| Carter, R. B. | *Maryland* | D. D. Carter. |
| Charles, Joseph | *Maryland* | Dr. A. Shank. |
| Chidester, C. B. | *Ohio.* | E. S. Chapel. |
| Christian, T. H. | *Pennsylvania.* | Faculty. |
| Clark, W. R. | *West Virginia.* | Dr. G. A. Cracraft. |
| Clarke, Byron | *Pennsylvania.* | Faculty. |
| Clarke, J. M. | *North Carolina.* | Faculty. |
| Clellan, Cal. M. | *West Virginia.* | Dr. J. B. Smith. |
| Cleveland, J. P. | *Virginia.* | Dr. J. H. Bledsoe. |
| Coffman, J. J. | *Maryland* | Dr. C. F. Russell. |
| Colford, Henry | *Ohio.* | Faculty. |
| Compton, G. D. | *Georgia* | Dr. J. W. Chambers. |
| Cook, F. M. | *New Jersey.* | Dr. J. S. Cook. |
| Corpenning, M. L. | *North Carolina.* | University of N. C. |
| Covert, S. J. | *Pennsylvania.* | Dr. J. F. Johnston. |
| Cox, J. W. | *Tennessee* | Dr. N. T. Dulaney. |
| Coy, Martin | *Ohio.* | Bennett & Cameron. |
| Crary, Arch | *Ohio.* | Dr. J. C. Bishop. |
| Crider, J. C. | *Maryland* | Faculty. |
| Daniel, J. J. | *Virginia.* | R. A. Atkins. |
| Darst, J. C | *West Virginia.* | Dr. Bramblit. |
| Davies, D. O. | *Maryland* | Faculty. |
| Davis, Robert G. | *Pennsylvania.* | Dr. G. Underwood. |
| Davis, Theo. B. | *Georgia.* | Dr. C. D. Smith. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Davis, W. H. | *Virginia.* | P. W. Atkins. |
| Dickey, W. T. | *Virginia.* | Dr. J. A. Dickey. |
| Dilliard, B. F. | *Pennsylvania.* | Dr. V. G. Huebner. |
| Disbrow, E. Clarence | *New Jersey.* | Faculty. |
| Disbrow, S. A. | *New Jersey.* | Faculty. |
| Dodge, Wm. B. | *West Virginia.* | Dr. J. B. Fogle. |
| Douglass, J. H. | *Pennsylvania.* | Dr. Patton. |
| Dennett, L. D. | *Maine.* | P. S. M. I. |
| Duncan, T. B. | *Maryland* | Faculty. |
| Duvall, John M. | *Maryland* | Dr. J. W. Duvall. |
| Dye, L. J. | *West Virginia.* | Dr. J. E. Kendall. |
| Dyrenfeurth, George | *Germany.* | Prof. A. B. Arnold. |
| Eccles, F. M. | *Maryland* | Dr. J. H. Branham. |
| Edgar, J. C. | *Pennsylvania.* | Dr. W. L. King. |
| Eggert, Geo. L. G. | *Pennsylvania.* | Drs. Eggert and Hall. |
| Emrick, B. F. | *Pennsylvania.* | Faculty. |
| Estill, W. B. | *Virginia.* | University of Virginia. |
| Ewell, Edgar | *North Carolina.* | Faculty. |
| Ewing, Geo. K. | *Ohio.* | Dr. J. C. Bishop. |
| Fauver, T. Hunter | *Virginia.* | Faculty. |
| Ferguson, K. M | *North Carolina.* | Drs. Turner & Blue. |
| Fichtner, A. S. | *Pennsylvania.* | Dr. B. A. Fichtner. |
| Fickes, Franklin K. | *Pennsylvania.* | Dr. D. A. Plank. |
| Fisher, P. P. | *Pennsylvania.* | Dr. J. T. Ward. |
| Floyd, G. Fred. | *Virginia.* | Faculty. |
| Fowler, M. L. | *North Carolina.* | Dr. L. Chapel. |
| Fox, M. F. | *North Carolina.* | Dr. M. L. Fox. |
| Froehling, Henry. | *Maryland* | Dr. Heineman. |
| Frost, R. F. | *Ohio.* | Dr. C. S. Leonard. |
| Fullwood, R. B. | *Georgia* | Dr. R. D. Murray. |
| Gale, C. B. | *Ohio.* | Dr. Geo. T. Gale. |
| Gary, R. H. | *North Carolina.* | John T. Eldridge. |
| Gibbs, E. A. | *Virginia.* | Faculty. |
| Gillespie, W. H. | *West Virginia.* | Jefferson Medical College. |
| Givens, J. | *Kentucky* | Dr. Geo. Cowan. |
| Goley, W. R. | *North Carolina.* | Dr. W. A. Coble. |
| Goodman, F. S | *Maryland* | Dr. Geo. Wells. |
| Gordy, F. M. | *Georgia* | Drs. Gregory and Howard |
| Graham, Geo. G. | *Pennsylvania* | M. R. Banks. |

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| Graham, W. R. | *North Carolina* | Dr. J. O. Wilcox. |
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| Greider, Allen L. | *North Carolina* | Dr. S. D. Davis. |
| Griffin, J. A. | *North Carolina* | J. C. Fowler. |
| Guise, Perry O. | *Ohio* | Dr. F. W. Firmin. |
| Gummert, C. L. | *Pennsylvania* | Dr. W. L. Clemmer. |
| Hackney, T. J. | *Florida* | Dr. J. L. Gaskins. |
| Hagerman, S. A. | *Ohio* | Dr. S. H. Sturgeon. |
| Hahn, W. A. | *Maryland* | Dr. Coyner. |
| Hall, Jesse J. | *West Virginia* | Jno. D. Hall. |
| Hall, John D. | *West Virginia* | Louisville Med. College. |
| Hall, Kenan | *Georgia* | Dr. C. H. Hall. |
| Halsey, Levi D. W. | *New York* | Dr. L. D. Wright. |
| Hamer, J. W. | *Pennsylvania* | Dr. F. T. Overdorff. |
| Harriman, A. H. | *Pennsylvania* | Dr. A. P. Heller. |
| Harter, T. C. | *Pennsylvania* | Faculty. |
| Hartman, James F. | *West Virginia* | Dr. S. C. Rusmisell. |
| Hatch, A. C., Jr. | *Massachusetts* | Dr. J. H. Jackson. |
| Haxall, H. | *Virginia* | Faculty. |
| Heading, J. G. | *Pennsylvania* | Dr. J. G. Lightner. |
| Hedges, Harry S. | *West Virginia* | J. T. Harris. |
| Heflin, Chas. S. | *Virginia* | H. M. D. Martin. |
| Heilman, U. O. | *Pennsylvania* | Dr. S. B. Foreman. |
| Heiskell, Sydney O. | *Maryland* | Faculty. |
| Henny, Charles O. | *West Virginia* | T. F. Lanham. |
| Herring, S. L. | *Texas* | Dr. T. S. McIlvene. |
| Hess, H. N. | *Pennsylvania* | Dr. Geo. H. Wood. |
| Hildebrand, C. G. | *Pennsylvania* | Dr. Geo. P. Yost. |
| Hindman, S. J. | *West Virginia* | Dr. J. F. McCarl. |
| Hisey, F. M. | *Virginia* | A. P. Bellew. |
| Hollinger, Isaac C. | *Pennsylvania* | Dr. Wm. P. Noble. |
| Hoopman, S. V. | *Maryland* | Dr. David Bennet. |
| Hovis, Frank J. | *Pennsylvania* | Drs. Hoffman and Parr. |
| Hudson, W. B. | *Georgia* | Faculty. |
| Hunter, M. C. | *North Carolina* | Faculty. |
| Jackson, T. J. | *Virginia* | Faculty. |
| Jennings, Gámor | *Ohio* | Faculty. |
| Jewell, J. E. | *Tennessee* | Dr. J. R. Leonard. |
| Johnson, Frank | *New Jersey* | Dr. W. A. Herrick. |

| NAME. | STATE. | PRECEPTOR. |
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| Johnson, J. M. B. | *Alabama* | Dr. W. R. K. Johnson. |
| Johnson, W. R. K. | *Pennsylvania* | Faculty. |
| Johnston, Wm. A. | *Virginia* | Dr. H. G. Johnston. |
| Jolley, B. B. | *Virginia* | Dr. T. W. Smith. |
| Jones, E. B. | *Virginia* | Faculty. |
| Jones, J. F. | *Georgia* | Dr. P. M. Tidwell. |
| Jordan, A. C. | *North Carolina* | Dr. A. W. Wilbur. |
| Jordan, Thos. M. | *North Carolina* | Dr. G. L. Kirby. |
| Julian, Abner | *North Carolina* | Dr. A. W. Fitte. |
| Keitt, E. Geo. | *South Carolina* | Prof. C. F. Bevan. |
| Kelley, T. R. | *South Carolina* | Dr. A. McLane. |
| Kello, S. B. Jr., M. D. | *Virginia* | |
| Kelly, John C. | *Indiana* | Faculty. |
| Kelly, W. B | *Pennsylvania* | Dr. L. Kelly. |
| Kent, S. T. A | *Virginia* | Faculty. |
| King, John H | *Maryland* | Dr. S. S. Quinn. |
| Kingsbury, D. W | *Pennsylvania* | Dr. E. F. Kamerly. |
| Kirkpatrick, Samuel | *Pennsylvania* | Dr. E. N. B. Mershon. |
| Knapp, Joseph J | *Pennsylvania* | Dr. Reverdy B. Stewart. |
| Laciar, Henry J | *Pennsylvania* | Dr. B. S. Erwin. |
| Ladd, Leonard E | *Maine* | Dr. A. W. Larrabee. |
| Lafferty, J. Henderson | *Pennsylvania* | Dr. Thos. Carson. |
| Latimer, C. Harris | *Maryland* | Dr. M. R. Latimer. |
| Leache, R. W. | *Virginia* | Dr. J. Willett Leache. |
| Lee, Geo. L. | *Pennsylvania* | Wm. A. Jacobs. |
| Lewis, Thomas, Jr. | *Pennsylvania* | Dr. P. A. Bissell. |
| Linder, E. L. | *South Carolina* | Dr. S. S. Linder. |
| Littleton, J. W. | *North Carolina* | R. Anderson. |
| Long, James E. | *Pennsylvania* | Dr. S. E. Hill. |
| Long, Wilson A. | *Pennsylvania* | Dr. W. C. Stick. |
| Longsdorff, H. H. | *Pennsylvania* | Dr. W. H. Longsdorff. |
| Lucas, J. B. | *North Carolina* | Dr. G. F. Lucas. |
| Lupfer, Geo. W. | *Pennsylvania* | Dr. J. D. Shull. |
| Lynch, Thos. | *Alabama* | Prof. J. S. Lynch. |
| Lynn, J. M. | *Tennessee* | Dr. N. T. Dulaney. |
| Mackley, John F. | *Pennsylvania* | Horner & Randebaugh. |
| Mairs, A. T. | *West Virginia* | Dr. Wm. Mairs. |
| Maucher, A. J. | *Pennsylvania* | Dr. J. C. Maucher. |
| Manly, Peter C. | *Pennsylvania* | Dr. A. P. Heller. |

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| Martin, Richard S | *North Carolina* | Dr. Frank Pringle. |
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| McCaleb, J. H. | *Louisiana* | Dr. J. J. Wade. |
| McCaw, William J | *Rhode Island* | Drs. Hunt & Wellington. |
| McCleery, Wm. D | *Pennsylvania* | Faculty. |
| McCoy, C. B. | *Alabama* | Dr. A. W. McCoy. |
| McCullough, A. J | *Pennsylvania* | Dr. Jas. Bigham. |
| McDonald, Frank | *Pennsylvania* | Dr. J. R. Lockhart. |
| McHenry, G. R | *Louisiana* | J. F. Gladney. |
| McKinley, W. L | *Pennsylvania* | Dr. J. B. McMillan. |
| McLaughlin, J. V. | *Ohio* | Dr. T. B. Marquis. |
| Miller, D. A. | *Virginia* | Faculty. |
| Miller, D. F | *North Carolina* | Faculty. |
| Miller, F. D | *Florida* | Dr. J. M. Perry. |
| Miller, German B. | *Kentucky* | Dr. W. S. Stucky. |
| Miller, I. P. | *Virginia* | W. T. Jennings. |
| Miller, William | *Pennsylvania* | Dr. J. W. Moore. |
| Milroy, W. F | *New York* | Dr. W. R. Howard. |
| Moe, J. H | *Indiana* | Drs. H. & C. H. Winton. |
| Mohn, G. C | *Pennsylvania* | Dr. J. W. Sampsel. |
| Mohney, A. M. | *Pennsylvania* | J. A. Henry. |
| Moncure, R. B | *Virginia* | Faculty. |
| Montgomery, W. Harry | *Pennsylvania* | F. S. Pershing. |
| Moore, B. F | *Tennessee* | Dr. A. P. Waddell. |
| Moore, W. E | *Ohio* | Dr. E. S. Ellis. |
| Mowery, H. A | *Pennsylvania* | Dr. J. L. Mowery. |
| Moyer, Frank A. G | *Pennsylvania* | Prof. Arnold. |
| Muir, John B | *Maryland* | Dr. J. C. Craford. |
| Naulteus, Alfred Franz | *Nebraska* | Dr. Fr. Naulteus. |
| Neel, Harvey | *Pennsylvania* | Dr. J. A. Stone. |
| Neighbors, E. D | *Maryland* | Dr. Wm. H. Baltzell. |
| Nelson, George | *Georgia* | Dr. T. M. Rice. |
| Nicholson, S. T | *North Carolina* | Faculty. |
| Nickell, G. M | *West Virginia* | Shields & Brown. |
| Nihiser, W. M | *Virginia* | Dr. Wm. Beall, |
| Noland, B. F | *Virginia* | S. T. Noland. |
| Norman, Seaton | *Maryland* | Dr. H. W. Kneass. |
| Northrop, C. A | *New York* | Dr. J. H. Alexander. |

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| Odell, Thomas | *Arkansas* | Dr. S. J. Harris. |
| Overmiller, C. F | *Pennsylvania* | Dr. George P. Yost. |
| Pair, A. D. | *North Carolina* | Dr. W. E. Richardson. |
| Palmerton, R. K | *New York* | B. E. Radiker. |
| Parker, Charles Schutz | *Maryland* | Faculty. |
| Parrot, J. S | *Maryland* | Dr. W. H. Brune. |
| Parvin, H. M | *Pennsylvania* | Dr. J. S. Ammon. |
| Pass, G. M | *Tennessee* | Dr. J. W. Duncan. |
| Pearson, W. B | *New York* | Faculty. |
| Peery, T. R | *Virginia* | Dr. J. R. Gildersleeve. |
| Perry, W. E | *Maryland* | Dr. Wm. Beall. |
| Pharr, W. W | *North Carolina* | Faculty. |
| Plummer, G. T | *West Virginia* | Wm. M. Dent. |
| Powell, W. E | *North Carolina* | Dr. W. H. H. Cobb. |
| Powers, J. J | *New York* | Dr. J. D. Maloy. |
| Price, H. M | *Pennsylvania* | Dr. Rule. |
| Proctor, Edwin G | *Maryland* | Prof. A. F. Erich. |
| Raller, A. J | *Tennessee* | Dr. J. H. Vance. |
| Ramsey, P. C | *Ohio* | Dr. T. B. Marquis. |
| Redding, A. H | *North Carolina* | Dr. A. C. Bulla. |
| Remington, A. J | *Pennsylvania* | Faculty. |
| Rhoads, F. A | *Pennsylvania* | Dr. E. M. Kimmel. |
| Riggs, E. P | *Alabama* | Dr. A. Bowie. |
| Riggs, John W., M. D | *Ohio* | Faculty. |
| Rimer, J. T | *Pennsylvania* | Drs. Eggert and Hall. |
| Rippard, James C | *Pennsylvania* | Dr. J. B. Crawford. |
| Robinson, D. T | *Pennsylvania* | Drs. Enfield and Rohn. |
| Robinson, Remus | *Connecticut* | Dr. J. M. Ruus. |
| Ross, W. F | *Maryland* | Faculty. |
| Rothrock, Marand | *Pennsylvania* | Dr. R. Rothrock. |
| Rowe, J. Monmonier | *Maryland* | J. Z. Taylor. |
| Sadler, W. F | *Alabama* | Dr. A. Atkinson. |
| Sager, Joseph, M. D | *Ohio* | Starling Med. Col. |
| Sanford, Wm | *Virginia* | University of Virginia. |
| Sapp, F. W | *Ohio* | Dr. L. D. Whitford. |
| Saulsbury, T. Bascom | *Maryland* | C. W. Williamson. |
| Schank, P. S | *Virginia* | Drs. Starke and Bryant. |
| Schneider, C | *Pennsylvania* | Dr. L. Schneider. |
| Schuhart, Q. C | *New York* | Dr. C. E. McKelvey. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Schultz, M. L. | *Pennsylvania* | D. P. Miller. |
| Schweitzer, R. S. | *Pennsylvania* | Dr. E. H. Smith. |
| Scott, W. Franklin | *Pennsylvania.* | Dr. A. M. Capwell. |
| Sebrell, J. Emmett | *Virginia* | Faculty. |
| Seitz, Irvin | *Pennsylvania* | Dr. Wm. Lebo. |
| Shackleford, T. J. | *Indiana* | Dr. J. H. Davisson. |
| Stathers, W. E. | *West Virginia* | Dr. E. B. Conoway. |
| Small, H. D. | *Maryland* | Dr. N. H. Kneass. |
| Smith, A. R. | *Pennsylvania* | Dr. G. Thirkstun. |
| Smith, B. Hall | *Georgia* | Dr. R. G. Norton. |
| Smith, Charles D. | *Maryland* | Faculty. |
| Smith, Charles H. | *Maryland* | Faculty. |
| Smith, George S. | *Pennsylvania* | Dr. E. H. Smith. |
| Smith, S. D., A. B. | *Georgia* | Dr. J. R. Duggan. |
| Smith, S. Harper | *Pennsylvania* | Faculty. |
| Snead, George T., M. D. | *Virginia* | Faculty. |
| Spalding, J. W. | *West Virginia* | Dr. T. G. Edmiston. |
| Sprecher, D. B. | *Maryland* | Dr. T. B. Owings. |
| Stewart, Chester T. | *New York* | Dr. J. W. Stewart. |
| Stewart, R. B. | *Virginia* | Faculty. |
| Stites, G. M. | *Pennsylvania* | Dr. S. Stites. |
| Stiles, Nelson | *Pennsylvania* | Dr. J. D. Little. |
| Strauss, George A. | *Maryland* | Faculty. |
| Strickland, J. W. | *North Carolina* | Faculty. |
| Sydnor, C. W. | *West Virginia* | Winchester College. |
| Tanzey, A. E. | *West Virginia* | Dr. H. W. Brock. |
| Taylor, J. R. | *Ohio* | Dr. A. R. Anderson. |
| Thomas, George | *Maryland* | Dr. James Thomas. |
| Thomas, T. F. | *Florida* | Faculty. |
| Thomas, W. H. | *Virginia* | Dr. J. C. Hyde. |
| Tool, E. W. | *Pennsylvania* | Dr. J. W. Sheets. |
| Tuttle, J. C. | *Pennsylvania* | Faculty. |
| Turlington, Willis E. | *North Carolina* | Dr. T. W. Harris. |
| Turner, Benjamin A. | *Maryland* | Dr. Adams. |
| Turner, T. R. | *Texas* | Dr. A. G. Clopton. |
| Unruh, M. L. | *Pennsylvania* | W. H. H. Gardner. |
| Vannatta, Harvey. | *Ohio* | Dr. B. F. Rule. |
| Van Note, E. | *Missouri* | Dr. T. Brown. |
| Varno, H. G. | *Ohio* | J. C. Bishop. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Vosburgh, A. J. | *West Virginia* | Dr. J. Vosburgh. |
| Waldron, L. P. | *Ohio* | Dr. E. R. Spencer. |
| Walker, E. Y. | *Georgia* | Dr. N. S. Walker. |
| Walker, Robert A. | *Pennsylvania* | Faculty. |
| Walkup, A. M. | *Virginia* | Dr. Wm. E. Walkup. |
| Walters, J. L. | *Pennsylvania* | Dr. M. A. Wesner. |
| Walworth, De Zosier | *Maryland* | Faculty. |
| Ward, E. E. | *New York* | Dr. W. T. Burdick. |
| Warder, W. M. | *West Virginia* | Faculty. |
| Warner, A. S. | *Maryland* | Dr. J. W. McDowell. |
| Weaver, James D. | *Georgia* | Dr. J. C. Weaver. |
| Weaver, S. W. | *Pennsylvania* | Dr. J. G. Dickson. |
| Webster, E. E. | *Pennsylvania* | Dr. W. D. Vedder. |
| Weston, E. Eugene | *Pennsylvania* | Dr. H. Holister. |
| Wetherill, I. R | *Ohio* | Dr. R. Davenport. |
| White, George D. | *Virginia* | Dr. Isaac White. |
| White, Thomas N. | *North Carolina* | Faculty. |
| Wickert, P. O. | *Pennsylvania* | Dr. Thomas A. Strasser. |
| Williams, H. C. | *North Carolina* | Dr. S. P. Waldo. |
| Williams, Hazael, Jr. | *Virginia* | Dr. G. D. Merriweather. |
| Williams, T. R. | *Ohio* | Dr. D. Robinson. |
| Williams, Z. W. | *Alabama* | Dr. H. M. Hunter. |
| Wills, J. M. | *Texas* | Faculty. |
| Wise, Braxton | *Louisiana* | Dr. J. S. Wise. |
| Wood, C. D. | *Pennsylvania* | Faculty. |
| Woods, O. Jordan | *West Virginia* | Dr. James O'Keeffe. |
| Worley, H. C. | *Tennessee* | Dr. W. L. Holt. |
| Wyche, Cyril T. | *North Carolina* | Dr. E. A. Speed. |
| Young, Wm. K. | *Pennsylvania* | Faculty. |
| Ziegler, Wm. L. | *Pennsylvania* | Dr. H. R. Caslow. |
| Zollicoffer, D. B. | *North Carolina* | Dr. A. R. Zollicoffer. |

# GRADUATING CLASS, 1881.

| NAME. | STATE. |
|---|---|
| ASHCRAFT, E. H. | Pennsylvania. |
| BAYNES, R. S. | North Carolina. |
| BARKMAN, GEO. W | Maryland. |
| BANKES, C. W. | Pennsylvania. |
| ~~BALL, ROBERT DABNEY~~ | Maryland. |
| BADGETT, J. F. | North Carolina. |
| ~~BATTLE, A. J.~~ | North Carolina. |
| BELT, ALFRED M. | Maryland. |
| BELL, B. F. | Texas. |
| BECKWITH, JAMES F. | North Carolina. |
| ~~BECKWITH, THOMAS~~ L. | North Carolina. |
| BENNETT, A. B., JR. | Alabama. |
| BITTING, L. L. | Maryland. |
| BOYER, S. J. | Pennsylvania. |
| BOWER, F. S. | Pennsylvania. |
| BLACHLY, F. L. | Pennsylvania. |
| BLACK, R. J. | Pennsylvania. |
| ~~BRYANT, B.~~ R. | Virginia. |
| BROTEMARKLE, CLINTON | Maryland. |
| BRADSHAW, WM. G | North Carolina. |
| BYRAM, JOHN | New Jersey. |
| CARCAUD, ORVILLE B. | Maryland. |
| CALLEN, J. SPENCER | Pennsylvania. |
| CARMAN, J. H. | New Jersey. |
| CHRISTIAN, T. H. | Pennsylvania. |
| CHIDESTER, C. B. | Ohio. |
| COMPTON, G. D. | Georgia. |
| COY, MARTIN C. | Ohio. |
| ~~CLARK, B.~~ | Pennsylvania. |
| DAVIS, W. H. | Virginia. |
| DISBROW, S. A. | New Jersey. |
| DISBROW, L. CLARENCE, JR. | New Jersey. |

| NAME. | STATE. |
|---|---|
| DILLARD, BENJAMIN F. | Pennsylvania. |
| ~~DENNETT, L. D.~~ dead | Maine. |
| DAVIS, THEODORE B. | Georgia. |
| ECCLES, F. M. | Maryland. |
| EGGERT, GEO. L. G. | Pennsylvania. |
| EDGAR, J. C. | Pennsylvania. |
| ~~EMRICK, B. F.~~ dead | Pennsylvania. |
| ESTILL, HARRY B. | Virginia. |
| EWING, GEO. K. | Ohio. |
| FAUVER, T. HUNTER | Virginia. |
| ~~FISHER, P. P.~~ dead | Pennsylvania. |
| FICKES, FRANKLIN K. | Pennsylvania. |
| FOWLER, M. L. | North Carolina. |
| FROEHLING, HENRY | Maryland. |
| FOX, M. F. | North Carolina. |
| GARY, R. H. | North Carolina. |
| *GIBBS, E. A. | Virginia. |
| GILLESPIE, W. H. | West Virginia. |
| GOODMAN, F. S. | Maryland. |
| GORDY, F. M. | Georgia. |
| GRIFFIN, J. A. | North Carolina. |
| HARTER, T. CLARENCE | Pennsylvania. |
| HACKNEY, T. J. | Florida. |
| *HALL, KENAN | Georgia. |
| HEILMAN, URIAH O. | Pennsylvania. |
| ~~HERRING, S. L.~~ dead | Texas. |
| HINDMAN, S. JAMES | West Virginia. |
| HISEY, F. M. | Virginia. |
| HILDEBRAND, C. G. | Pennsylvania. |
| HAGERMAN, S. A. | Ohio. |
| *~~HEISKELL, SYDNEY~~ O. dead | Maryland. |
| JACKSON, T. J. | Virginia. |
| ~~JEWELL, J. E.~~ dead | Tennessee. |
| JORDAN, THOMAS M. | North Carolina. |
| JORDAN, A. C. | North Carolina. |
| JOLLEY, B. B. | Virginia. |
| JONES, EDGAR P. | Virginia. |
| JOHNSTON, WM. A. | Virginia. |
| KEITT, E. GEORGE | South Carolina. |

* Graded Course Students.

| NAME. | STATE. |
|---|---|
| KNAPP, JOSEPH J. | Pennsylvania. |
| LADD, LEONARD EMORY | Maine. |
| *LACIAR, H. J. | Pennsylvania. |
| LAFFERTY, J. HENDERSON | Pennsylvania. |
| LATIMER, C. HARRIS | Maryland. |
| ~~LEWIS, THOMAS~~, JR. | Pennsylvania. |
| LONG, JAMES E. | Pennsylvania. |
| ~~LUPFER, GEORGE W.~~ | Pennsylvania. |
| LYNCH, THOMAS | Alabama. |
| LUCAS, J. B. | North Carolina. |
| MAUCHER, A. J. | Pennsylvania. |
| MARTIN, RICHARD S. | North Carolina. |
| MANLY, PETER C. | Pennsylvania. |
| MCCALEB, J. H. | Louisiana. |
| MCCAW, WM. J. | Rhode Island. |
| MOWERY, H. A. | Pennsylvania. |
| MOORE, B. F. | Tennessee. |
| ~~MOORE, W. E.~~ | Ohio. |
| *MOYER, FRANK A. G. | Pennsylvania. |
| MONTGOMERY, W. HARRY | Pennsylvania. |
| MOE, J. H. | Indiana. |
| NICHOLSON, S. T. | North Carolina. |
| ~~NICKELL, G. M.~~ | West Virginia. |
| NORMAN, SEATON | Maryland. |
| NOLAND, B. F. | Virginia. |
| ODELL, THOMAS | Arkansas. |
| PARKER, CHARLES SCHUTZ | Maryland. |
| PAIR, A. D. | North Carolina. |
| PARVIN, H. M. | North Carolina. |
| PALMERTON, R. K. | New York. |
| PASS, G. M. | Tennessee. |
| ~~POWERS, J. J.~~ | New York. |
| PRICE, H. M. | Pennsylvania. |
| RIGGS, E. P. | Alabama. |
| RIMER, J. T. | Pennsylvania. |
| RIPPARD, JAMES C. | Pennsylvania. |
| ROTHROCK, MARAND | Pennsylvania. |
| ~~ROSS, W. F.~~ | Maryland. |
| ROBINSON, REMUS | Connecticut. |

* Graded Course Students.

| NAME. | STATE. |
|---|---|
| ~~Rowe, Monmonier~~ dead | Maryland. |
| Sadler, W. F. | Alabama. |
| Schneider, C. | Pennsylvania. |
| Schank, Powhatan S. | Virginia. |
| Schweitzer, R. S. | Pennsylvania. |
| Scott, W[illegible]n F. | Pennsylvania. |
| Small, H[illegible] | Maryland. |
| Smith, S. [illegible]er | Pennsylvania. |
| Smith, B. [illegible] | Georgia. |
| ~~Smith, A. R~~ dead | Pennsylvania. |
| *Sprecher, D. B. | Maryland. |
| Stewart, R. B. | Virginia. |
| Stathers, W. E. | West Virginia. |
| Sydnor, C. W. | Virginia. |
| Taylor J. R. | Ohio. |
| Tool, E. W. | Pennsylvania. |
| Turner, T. R. | Texas. |
| Turner, Benjamin A. | Maryland. |
| Unruh, M. L. | Pennsylvania. |
| Vosburgh, A. J. | West Virginia. |
| Ward, E. E. | New York. |
| ~~Walkup, A. M.~~ dead | Virginia. |
| Walker, E. Y. | Georgia. |
| Walters, J. L. | Pennsylvania. |
| Weston, E. Eugene | Pennsylvania. |
| White, George D. | Virginia. |
| Wills, J. M. V. | Texas. |
| Wood, C. D. | Pennsylvania. |
| Woods, O. Jordan | West Virginia. |
| Wetherill, Ira R. | Ohio. |
| ~~Young, W. K.~~ dead | Pennsylvania. |
| Ziegler, Wm. L. | Pennsylvania. |
| Zollicoffer, D. B. | North Carolina. |

Tissell O.B.

*Graded Course Students.

## PRIZES.

| | | |
|---|---|---|
| J. E. JEWELL | Tennessee | Cathell Prize, 1st College Prize. |
| H. J. LACIAR | Pennsylvania | Brown Memorial Prize, 2d College Prize. |
| B. F. MOORE | Tennessee | 3d " " |
| E. P. RIGGS | Alabama | 4th " " |
| J. S. CALLEN | Pennsylvania | 5th " " |
| D. B. SPRECKER | Maryland | 6th " " |

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## GRADED COURSE.

A. D. HATCH, JR. (2d year), *Mat. Med. and Therap., Gynæcology, Dis. Eye and Ear, Med. Juris., Hygiene and Chemistry.*

FRANK McDONALD (1st year), *Mat. Med. and Therap., Physiology.*

GEORGE THOMAS (2d year), *Mat. Med. and Therap., Anatomy, Med. Juris., Toxicol. and Hygiene, Dis. Eye and Ear, Physiology, Chemistry.*

H. WILLIAMS (1st year), *Mat. Med. and Therap.*

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## GRADUATES OF THE GRADED COURSE.

GIBBS, E. A. ..... Virginia.
HALL, KENAN ..... Georgia.
HEISKILL, SYDNEY O. ..... Maryland.
LACIAR, HENRY J. ..... Pennsylvania.
RIPPARD, JAMES C. ..... Pennsylvania.
SPRECKER, D. BOTELER ..... Maryland.

# DAILY ORDER OF LECTURES.

## SESSION 1880-81.

| HOUR. | MONDAY. | TUESDAY. | WEDNESDAY. | THURSDAY. | FRIDAY. | SATURDAY. |
|---|---|---|---|---|---|---|
| 9 A. M. | PROF. COSKERY. | PROF. HOWARD. | PROF. COSKERY. | PROF. HOWARD. | PROF. OPIE. | |
| 10 " | " LATIMER. | " ROHÉ. | " LATIMER. | " LYNCH. | " HOWARD. | PROF. LYNCH. |
| 11 " | " LYNCH. | " BEVAN. | " HOWARD. | " ERICH. | " BEVAN. | " LATIMER. |
| 12 M. | " ARNOLD. | " LYNCH. | " ARNOLD. | " BEVAN. | " ARNOLD. | " COSKERY. |
| 1 P. M. | " FRIEDENWALD. | " OPIE. | " ERICH. | " FRIEDENWALD. | " ERICH. | " BEVAN. |
| 4 " | | | " SIMON. | | | " SIMON. |

**HOSPITAL CLINICS.**

| | | | |
|---|---|---|---|
| PROFESSOR ARNOLD | Nervous Diseases | *Monday* | 12 M. |
| " FRIEDENWALD | Eye and Ear | " | 1 P. M |
| " ROHÉ | Skin Diseases | *Tuesday* | 9 A. M. |
| " LYNCH | Medical | " | 12 M. |
| " ERICH | Women | *Wednesday* | 1 P. M. |
| " LATIMER | Children's Diseases | *Thursday* | 11 A. M. |
| " BEVAN | Orthopedic and Venereal | " | 12 M. |
| " COSKERY | Surgical | *Saturday* | 12 M. |
| " OPIE | Obstetric | *Whenever cases of labor occur.* | |

Dissections daily corner Hanover and Lombard Streets.

# TEXT-BOOKS.

*The First Named Book in Each Branch is Preferred.*

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### Surgery.

Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.

### Practice of Medicine.

Bristowe, Niemeyer, Flint, Cohen on the Throat.

### Obstetrics.

Playfair, Leishman, Cazeaux, Barker on Puerperal Diseases; Barnes on Obstetric Operations.

### Diseases of Women.

Thomas, Emmet, Barnes.

### Medical Jurisprudence.

Taylor, Beck, Tanner on Poisons.

### Anatomy.

Gray, Wilson.

### Materia Medica.

Wood, Stillé, Biddle, U. S. Dispensatory, Ringer's Therapeutics.

### Physiology.

Dalton, Foster, Carpenter.

### Chemistry and Toxicology.

Attfield, Youmans, Bowman's Practical Chemistry.

### Diseases of the Eye, the Ear and the Skin.

Nettleship on the Eye, Burnett on the Ear, Wells on the Eye, Turnbull on the Ear, Duhring, Morris on Diseases of the Skin.

### Diseases of Children.

Smith, West, Bouchut.

### Nervous System.

Rosenthal, Charcot, Althaus' Med. Electricity.

### Genito-Urinary Diseases.

Van Buren and Keys and Bumstead on Venereal Diseases, and Otis on Stricture.

# ALUMNI ASSOCIATION

OF THE

# COLLEGE OF PHYSICIANS AND SURGEONS,

OF BALTIMORE.

The success of the College of Physicians and Surgeons may well be viewed with pride and pleasure by her graduates. It is to be hoped that they will all join this Society, and aid in advancing the interests of their Alma Mater. An annual meeting and banquet take place at the end of each session, to which graduates and students are invited. Desiring to foster a spirit of emulation and professional ambition among the graduates of the College, and to collect from year to year a full and accurate history of her classes, the following information is requested: 1st. The names and post-office addresses of all graduates. 2d. The names and dates of their literary degrees. 3d. Places of honor and trust held in the profession since graduation, with dates of appointment and terms of service. 4th. Full information concerning deceased graduates. The collection of these facts will be conducted by the Secretary of the Alumni Association, who will publish them in subsequent editions of the catalogue.

# THE BALTIMORE COLLEGE OF DENTAL SURGERY.

This Institution was chartered in 1839 by an Act of the General Assembly of Maryland, and is the oldest and most widely known Dental College in the world. The majority of the eminent practitioners of dentistry in this country and Europe are graduates of the Baltimore College. The College Building is one of the largest and finest structures of the kind in this country, and the collection of specimens in the Museum cannot be excelled. The number of patients daily visiting the Infirmary has been so great that the Faculty have been compelled to add additional space and chairs to the already large and well-arranged Operating Hall. All such patients are operated on by the students, under the careful supervision of the Professors and Demonstrators.

The Annual Course of Instruction will commence on October 15th of each year, and continue until the beginning of March following. The first weeks of the Session are devoted to Lectures on practical subjects, especially the "Filling of Teeth," and construction of Artificial Teeth, Clinics, Infirmary Practice and Demonstrations.

The fees each session are $100, Demonstrators' fees included; Matriculation Fee, $5; Diploma Fee, for candidates for graduation, $30; Dissecting Ticket optional. *These fees, with the exception of the diploma fee, are expected to be paid on matriculating.*

THE INFIRMARY, in the College Building, is open during the entire year for dental operations, and students can enter at any time by paying $50, which is deducted from the fees of the succeeding regular winter course.

**PROFESSORS.**

FERD. J. S. GORGAS, M. D., D. D. S.,
*Professor of Pathology and Therapeutics.*

E. LLOYD HOWARD, M. D.,
*Professor of Chemistry and Materia Medica.*

JAMES H. HARRIS, M. D., D. D. S.,
*Professor of Clinical Dentistry.*

JAMES B. HODGKIN, D. D. S.,
*Professor of Dental Mechanism and Metallurgy*

THOS. S. LATIMER, M. D.,
*Professor of Anatomy and Physiology*

RICH'D B. WINDER, D. D. S., M. D.,
*Professor of Dental Surgery.*

**DEMONSTRATORS.**

WILLIAM B. FINNEY, D. D. S.,
*Demonstrator of Operative Dentistry.*

JOHN C. UHLER, D. D. S., M. D.,
*Demonstrator of Mechanical Dentistry.*

B. HOLLY SMITH, JR., D. D. S.,

B. FLANNIGAIN, D. D. S.,
*Assistant Demonstrators.*

CHARLES F. BEVAN, M. D.
*Demonstrator of Anatomy.*

Since the union of the Maryland Dental College with the Baltimore College of Dental Surgery, in March 1879, this latter is the *only* Dental College in Baltimore.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**F. J. S. GORGAS, M. D.,**
*Dean of Baltimore College of Dental Surgery,*
**No. 259 N. Eutaw St., Baltimore, Md.**

# THE MARYLAND LYING-IN ASYLUM,

## 161 WEST LOMBARD STREET,

## BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons.**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to L. L. BITTING, M. D., House Physician.

THOMAS OPIE, M. D.,
**Dean of the Faculty.**

MEDICORUM CHIRURGORUMQUE COLLEGII
ΟΥ ΛΟΓΩ, ΑΛΛ' ΕΡΓΩ
BALTIMORI.

—1882—

# College of Physicians and Surgeons,

## BALTIMORE.

BALTIMORE:
ISAAC FRIEDENWALD, PRINTER,
103 W. Fayette Street.

# College of Physicians and Surgeons.

## Faculty of Physic.

THOMAS OPIE, M. D.,
*Professor of Obstetrics, and Dean of the Faculty.*

JOHN S. LYNCH, M. D.,
*Prof. of Principles and Practice of Medicine, and Clinical Prof. of Chest and Throat.*

THOMAS S. LATIMER, M. D.,
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M. D.,
*Professor of Diseases of Women.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M. D.,
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.,
*Professor of Clinical Medicine and Diseases of the Nervous System.*

RICHARD GUNDRY, M. D.,
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

WM. SIMON, M. D., Ph. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.,
*Clinical Professor of Dermatology and Hygiene.*

J. W. CHAMBERS, M. D.,
*Demonstrator of Anatomy.*

J. H. BRANHAM, M. D.,
*Asst. Demonstrator.*

WM. D. BOOKER, M. D.,
*Demonstrator of Physiology.*

JAS. BROWN, M. D.,
*Prosector.*

# Annual Announcement.

## 1882.

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The College of Physicians and Surgeons was organized in 1872. It has year by year added to the size of its classes and extended its facilities, so that now it is the largest medical school that has ever been in the State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons, under the latter name, giving this school all the rights, powers and property of both institutions.

It is a standing rule of the Faculty to lay aside every session a part of the net earnings of the school, to increase its material advantages. Out of this fund, capacious and well-equipped Lecture Halls have been erected, the Maternité Hospital enlarged, the Woman's Hospital purchased, and the Physiological Laboratory established.

The possession by the College of a General Hospital in operation, constantly filled with patients, affords students ample opportunity for bedside instruction and experience.

The Maryland Lying-in Asylum furnishes abundance of material for clinical teaching in obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

All of the above-named institutions are under the exclusive charge of the College of Physicians and Surgeons.

Nothing has been left undone to perfect the clinical feature of our school, and the Faculty is now prepared to give the student superior advantages to any college in this country.

The control of the above-named hospitals and dispensary enables us to confer upon the graduating class a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the college.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end, the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted as the best to assist the student in traversing the vast area of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The degree of Doctor of Medicine will only be conferred at the end of the Winter Session, which begins October 1st and ends March 1st. The preliminary course will commence September 15th. The regular session will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations, the treatment of disease and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortems, and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's

Hospital, gives the best opportunity for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W. Corner of Calvert and Saratoga Streets, No. 51 Saratoga, and No. 161 W. Lombard Streets. Here all the lectures on Medicine, Surgery, and Gynæcology will be delivered. As the New Lecture Halls have been erected adjoining the wards of the City Hospital, which is under the same roof and connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily, and under the control of the Professor of Anatomy, assisted by two able demonstrators. Parties desiring to operate or dissect privately, can readily do so.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification, without cost to the city or individual. Its connection with the various police-stations by telegraph and telephone enables them to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 161 West Lombard Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the

College has introduced a much needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical method adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnose presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are they made familiar with all those physiological and healthy changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber, and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth. The colored wards, which were opened last year, are in successful operation, and recently an Out-door Obstetrical Department has been established, which will be a material addition to the obstetrical facilities of the school.

## GYNAECOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided, in addition

to an excellent sky-light, gas and water, with a condensing illuminator, operations upon the interior of the vagina and uterus may be performed with equal facility in cloudy as in bright weather, and witnessed by the students with great distinctness. All the free patients of the in-door and all the patients of the out-door department are available as "clinical material"; and the number of cases for that purpose during the past session has been so large that not more than half of them could be utilized. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnose and treat all the disorders of the female generative organs.

## CITY HOSPITAL DISPENSARY,

**N. W. Cor. Calvert and Saratoga Sts.**

This Institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the Poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instructions in Practical Medicine and Surgery.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration of their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz:

*Monday*—Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Prof. Friedenwald.

*Tuesday*—Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Arnold. Prof. Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat, and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

*Wednesday*—The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the uterine speculum, probes, tents and pessaries, are illustrated by Professor Erich.

*Thursday*—Instruction is given in the diagnosis and treatment of diseases of children, by Prof. Latimer.

There will also be a clinical and didactic lecture on Orthopedic and Genito-Urinary Surgery, by Prof. Bevan.

*Friday*—The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Prof. Opie.

Prof. Gundry delivers clinical lectures on diseases of the mind.

Practical instruction in the diagnosis and treatment of diseases of the skin is given by Prof. Rohé.

*Saturday*—Surgical clinic, by Prof. Coskery.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world), by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in dentistry, of this school, who have also passed successful examinations in Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures, on passing a successful examination.

## THE PHYSIOLOGICAL LABORATORY,

recently established by the school, affords excellent opportunity for the study of clinical chemistry and microscopy.

It will be under the supervision of Prof. Latimer, assisted by the Demonstrator of Physiology, Wm. D. Booker, M. D.

## THE SPRING COURSE

begins on the 15th of March and ends on the 15th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation.

It is intended rather to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to receive further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty, which are given each day between the hours of 12 M. and 2 P. M.

Students and graduates are admitted to this course on payment of the matriculation fee, which is credited on the fees of the next winter session.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education, and have passed a satisfactory examination before the Faculty.

Graduates are earnestly advised to take a post-graduate course of instruction in the Hopkins Biological Laboratory, or reside one year in a well organized Hospital.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and, in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Nervous System and Diseases of the Skin, and Medical Jurisprudence.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Clinical Medicine and Diseases of Children.

At the end of each year the student will be examined in the branches studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the succeeding year, and on them he will have to stand a second examination.

The graded student can attend all the lectures if he thinks proper to do so, but, as he will only be required to prepare himself for examination on the subjects which constitute that year's curriculum, it is believed that at the end of the course he will be *better* prepared than if he had attempted to read and prepare for examination on *all* the branches during two sessions. While the Faculty, therefore, do not *require* students offering themselves to this College to adopt this graded course, they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore is one of the most populous cities in the Union, thus affording its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## MEDALS AND CERTIFICATES OF HONOR.

*The Cathell Gold Medal* is awarded by Dr. D. W. Cathell, formerly Professor of Pathology in this College, to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a silver medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The Howard Memorial Prize*—a silver medal—is also conferred by the Faculty on the candidate who stands third.

*The First Certificate of Honor* is also bestowed on the graduate whose standing is the highest.

*Five other Certificates of Honor* are awarded to the five graduates standing next in order of merit.

## HOSPITAL APPOINTMENTS.

In addition to the above medals and distinctions, the Faculty have it in their power to bestow upon those graduates standing highest in their class four valuable appointments as resident hospital physicians, viz., two at the City Hospital, one at the Maternité, and one at the Maryland Woman's Hospital. These positions last for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunity for practical study and clinical practice.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120.

Tickets for one or more of the branches may be taken out separately.

## SPECIAL PRIVILEGE.

In order to place the facilities of this school within the reach of the qualified, yet poor young men of our country, and in conformity with the usage of the times, we receive a number of *Privileged Students.*

They are known as such only to the Dean, and are granted all the advantages the College affords.

Special Privilege Fee, . . . . . $55.00.

Appointments will be made upon suitable recommendations.

The Demonstrator's fee must be paid each year, as all students of this College are required to dissect. No charge is made for dissecting material.

*All fees, save for graduation, must be paid at the beginning of the session.*

## SUMMARY OF NECESSARY EXPENSES.

FULL FEES:

| | |
|---|---|
| College Fee, . . . . . | $120 00 |
| Board, Room, Fuel, Light, &c., for 20 weeks, at $4 | 80 00 |
| Total, . . . . . | $200 00 |

SPECIAL PRIVILEGE FEES:

| | |
|---|---|
| College Fee, . . . . . | $55 00 |
| Board, &c. . . . . | 80 00 |
| Total, . . . . . | $135 00 |

Graduation Fee in all cases, $30.00.

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information, address,

THOMAS OPIE, M. D., DEAN,
*N. E. Cor. Carey and Lexington Sts.*,
BALTIMORE, MD.

# CLASS 1881-82.

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| Angas, Alexander C. | *Canada* | Dr. Dakin. |
| Angle, J. B. | *North Carolina* | Dr. S. W. Little. |
| Arndt, Frank F. | *Pennsylvania* | Dr. J. P. Matchler. |
| Arnett, J. Roy | *West Virginia* | Brock Bros. |
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| Aultz, Adam E. | *West Virginia* | Dr. D. A. Thomas. |
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| Barker, L. J. | *North Carolina* | Dr. E. B. Hampton. |
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| Baxter, C. S. | *Pennsylvania* | Dr. H. J. Laciar. |
| Baylor, W. E. | *Virginia* | Dr. J. R. Gildersleeve. |
| Bay, Wm. W. | *Ohio* | Dr. W. P. Beele. |
| Beatty, R. C. | *Pennsylvania* | Dr. Wm. McBryan. |
| Beatty, S. G. | *Pennsylvania* | Dr. J. A. Henry. |
| Bean, George Walters | *Pennsylvania* | Dr. Robt. McGray. |
| Bellamy, E. L. | *Virginia* | Dr. J. T. Martin. |

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| Linaweaver, William | *Pennsylvania* | Dr. Linaweaver. |
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| Pharr, W. W. | *North Carolina* | Dr. T. C. Neale. |
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| Snyder, Wilson M. | *Pennsylvania* | Dr. F. P. Dundore. |
| Spangler, C. W. | *West Virginia* | Dr. C. W. Spangler. |
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| Stockord, Jas. K. | *North Carolina* | Dr. M. L. Fox. |
| Sullivan, John J. | *Pennsylvania* | Dr. O. J. Coskery. |
| Tassell, W. H | *Pennsylvania* | Dr. C. S. French. |
| Tate, G. T. | *South Carolina* | Dr. A. Thompson. |
| Taylor, Geo. Hickman | *London* | Faculty. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Tebault, Wm. P. | *Virginia* | Dr. A. G. Tebault. |
| Temple, A. B. | *Pennsylvania* | Dr. J. C. Temple. |
| Templeton, Jas. M | *North Carolina* | Dr. S. McBee. |
| Thomas, T. Fraser | *Florida* | Dr. J. P. Thomas. |
| Thomas, Geo. | *Maryland* | Dr. James Thomas. |
| Thomas, E. A | *Canada* | Dr. J. H. Moe. |
| Tilson, Leroy S. | *Tennessee* | Dr. N. N. Warwick. |
| Tilson, Jake C. | *Tennessee* | Dr. Leroy S. Tilson. |
| Triplett, J. B. | *North Carolina* | University North Carolina. |
| Truitt, Fillmore | *Maryland* | Dr. S. P. Dennis. |
| Tucker, F. Preston | *North Carolina* | Dr. M. D. Kimbrough. |
| Tufts, Arthur H | *Vermont* | Dr. C. A. Gray. |
| Turlington, W. E. | *North Carolina* | University North Carolina. |
| Ulman, Edgar S. | *Pennsylvania* | Dr. D. C. Galbraith. |
| Utley, E. B. | *North Carolina* | Dr. B. S. Utley. |
| Van Note, Edwin | *Missouri* | Dr. T. Brown. |
| Van Dyke, J. L. | *Texas* | Dr. J. C. Foster. |
| Vannatta, T. Harvey | *Ohio* | Dr. C. L. Coyle. |
| Varno, Henry G. | *Massachusetts* | Dr. Thos. Riley. |
| Vestal, Willis J. | *North Carolina* | Dr. E. W. Allred. |
| Vermillion, J. C. | *Virginia* | Dr. Farmer. |
| Vincent, W. A. | *New York* | Drs. H. & G. P. Spencer & Son. |
| Waddle, E. F. | *Ohio* | Dr. Wm. Waddle. |
| Walden, A. W. | *Kentucky* | Dr. R. W. Dunlap. |
| Waldron, L. P. | *Ohio* | Dr. E. R. Spencer. |
| Walizer, E. R. | *Pennsylvania* | Faculty. |
| Walker, Robt. A. | *Pennsylvania* | Drs. M. H. Alter and N. O. Heilman. |
| Watkins, Ralph B. | *Connecticut* | Dr. Julian Parker. |
| Weagly, T. H. | *Pennsylvania* | Dr. Gilland. |
| Weaver, Jas. D. | *Georgia* | Dr. John C. Weaver. |
| Weaver, S. W. | *Pennsylvania* | Dr. James G. Dickson. |
| Webster, E. E. | *Pennsylvania* | Dr. W. D. Vedder. |
| White, Thos. N. | *North Carolina* | Faculty. |
| Whittle, W. H. | *Mississippi* | Dr. Jno. R. Prima. |
| White, Joseph H. | *Georgia* | Dr. W. H. Hall. |
| Whittington, W. P. | *North Carolina* | Dr. B. B. Whittington. |
| Wickert, P. O. | *Pennsylvania* | Dr. T. A. Stroper. |

| NAME. | STATE. | PRECEPTOR. |
|---|---|---|
| Williams, H. C. | *North Carolina* | Dr. J. A. Sexton. |
| Williams, Z. W. | *Alabama* | Dr. H. M. Hunter. |
| Williams, T. R. | *Ohio* | Dr. Donovan Robeson. |
| Williams, H., Jr. | *Virginia* | Dr. Geo. Meriwether. |
| Williams, E. K. | *Tennessee* | Dr. J. W. Phillips. |
| Williams, John. M. | *Maryland* | Faculty. |
| Withers, Jas. H., Jr. | *North Carolina* | Dr. J. A. McDougald. |
| Woodward, Will T. | *Tennessee* | Dr. Leroy S. Tilson. |
| Woofter, A. J. | *West Virginia* | Dr. M. W. Hughes. |
| Wright, Clinton H. | *Maryland* | Faculty. |
| Wyche, Cyril T. | *North Carolina* | Dr. E. A. Speed. |
| Zimmerman, A. B. | *West Virginia* | Faculty. |

# GRADUATING CLASS, 1882.

| NAME. | STATE. |
|---|---|
| ✓ Albright, J. A. | North Carolina |
| Andrews, John C. c. f. | Pennsylvania |
| Angus, Alexander C. c. f. | Canada |
| Arnett, J. Roy. c. f. | North Carolina |
| Bailey, Geo. P. c. f. | Massachusetts |
| Barker, L. J. c. f. | North Carolina |
| ✓ Baxter, C. Scott | Pennsylvania |
| ✓ Baker, Bascom. | West Virginia |
| Baillie, N. A., Jr. c. f. | Maryland |
| ~~Beatty, R. C.~~ dead | Pennsylvania |
| ✓ Beatty, S. G. | Pennsylvania |
| Berst, J. H. c. f. | Indiana |
| Bigelow, C. P. c. f. | Michigan |
| Bickel, W. H. c. f. | West Virginia |
| Blakeslee, O. O. c. f. | Pennsylvania |
| ✗ Bobbitt, W. H. | North Carolina |
| ✓ Bosworth, C. H. | Pennsylvania |
| ✓ Bowers, John W. | Maine |
| Brubaker, Chas. J. c. f. | Pennsylvania |
| ✓ Campbell, Chas. | Pennsylvania |
| Carter, R. B. c. f. | Missouri |
| Charles, Joseph. c. f. | Maryland |
| Clark, W. R. c. f. | West Virginia |
| Colegroove, Walter E. c. f. | New York |
| ✓ Covert, S. J. | Pennsylvania |
| ✓ Cummings, W. R. | West Virginia |
| ✓ Darst, John C. | Virginia |

| NAME. | STATE. |
|---|---|
| Davis, Robert G. | Pennsylvania |
| Deputy, Mark A. | Arkansas |
| Dickey, W. T. | West Virginia |
| Douglas, Jas. Harvey | Pennsylvania |
| Drake, Jas. B. | New York |
| Evans, Carroll D. | Pennsylvania |
| Ferguson, Kenneth M. | North Carolina |
| Fitchner, A. S. | Pennsylvania |
| Frost, R. Fred. | Ohio |
| Free, Jas. Edwin | Pennsylvania |
| Fullerton, J. L. | West Virginia |
| Gale, C. B. | Ohio |
| Gardner, Scott H. | Maryland |
| Givens, J. | Kentucky |
| Graham, George G. | Pennsylvania |
| Guise, P. O. | Ohio |
| Gummert, C. L. | Pennsylvania |
| ~~Hahn, W. A.~~ dead | Missouri |
| Hatch, Anselm D., Jr., 3d year G. C. | Massachusetts |
| Harriman, A. H. | Pennsylvania |
| Hazlett, C. W. | New York |
| Hall, Jesse J. retired | West Virginia |
| Heading, Jas. G. | Pennsylvania |
| Heard, J. E. | Missouri |
| Heflin, Chas. S. | Virginia |
| Henry, C. Oliver | West Virginia |
| Hess, H. N. | Pennsylvania |
| Henion, Egbert B. | New York |
| Hollinger, Isaac C. | Pennsylvania |
| Hoopman, S. T. G. | Missouri |
| Hunter, M. C. | North Carolina |
| Hughes, Lot | Pennsylvania |
| Johnson, J. W. | Ohio |

| NAME. | STATE. |
|---|---|
| JONES, JOHN F. | Georgia |
| KELLY, JOHN C. | Indiana |
| KELLEY, W. B. | Pennsylvania |
| KEISTER, B. C. | Virginia |
| KENT, S. T. ANDERSON | Virginia |
| KEYLOR, HOWARD R. | Missouri |
| KIRKPATRICK, SAMUEL | Pennsylvania |
| ~~KING, JOHN H.~~ dead | Missouri |
| KINGSBURY, D. W. | Pennsylvania |
| KINSLEY, F. D. | New York |
| LEE, GEORGE L. | Pennsylvania |
| LEITZELL, C. P. | Pennsylvania |
| LONG, WILSON A. | Pennsylvania |
| LONGSDORF, HAROLD H., A. B. | Pennsylvania |
| MACKLEY, J. F. | Pennsylvania |
| MAIRS, A. T | West Virginia |
| MASON, C. N. | North Carolina |
| MAY, S. W | Alabama |
| MCCLEERY, WM. D. | Pennsylvania |
| MCCOY, C. B. | Alabama |
| MCCURDY, R. C. | Pennsylvania |
| MCHENRY, G. A. | Louisiana |
| MCINTOSH, W. PAGE | Arkansas |
| ~~MCLAUGHLIN, JAMES V.~~ dead | Ohio |
| MILLER, F. D. | Florida |
| MILLER, GERMON B. | Kentucky |
| ~~MOYER, DANIEL V.~~ dead | Pennsylvania |
| MOHN, CALVIN G. | Pennsylvania |
| ~~MOHNEY, A. M.~~ dead | Pennsylvania |
| MURRAY, J. RAY | Pennsylvania |
| MULLINS, PETER H. | Virginia |
| NAULTEUS, ALFRED FR | Nebraska |
| NEIGHBORS, E. D. | Missouri |

| NAME. | STATE. |
|---|---|
| NELSON, G. W. | Georgia |
| NIHISER, WINTON M. | West Virginia |
| NORTHROP, C. A., A. M. | New York |
| OUTLAND, J. L. | North Carolina |
| PATTON, W. O. | North Carolina |
| PEERY, THOS. R. | Virginia |
| PERRY, W. E. | Maryland |
| PHARR, W. W. | North Carolina |
| PHILLIP, E. ROY | North Carolina |
| PROCTOR, EDWIN G. | Maryland |
| RAMSAY, P. C. | Ohio |
| ~~REED, MILLARD~~ F. dead | Kentucky |
| REINHART, W. H. | Ohio |
| RHOADS, FRANK A. | Pennsylvania |
| RHODES, ORVILLE A. | Pennsylvania |
| ROBINSON, D. T. | Pennsylvania |
| ROLLER, A. J. | Tennessee |
| ROPER, P. B. | New York |
| ~~SAULSBURY, T.~~ B. dead | Maryland |
| SAPP, F. W. | Ohio |
| SCARBORO, J. H. | North Carolina |
| SCHUHART, Q. C. | New York |
| SEITZ, IRVIN. | Pennsylvania |
| SHACKLEFORD, T. J. | Indiana |
| SHELLITO, AMOS G. | Pennsylvania |
| SCHULTZ, M. L. | Pennsylvania |
| SMITH, S. D., A. B. | Georgia |
| SMITH, CHAS. D. | Missouri |
| STILES, NELSON | Pennsylvania |
| STITES, G. M. | Pennsylvania |
| STEWART, CHESTER T. | New York |
| ~~STEWART, J.~~ G. dead | Pennsylvania |
| SULLIVAN, JOHN J. | Pennsylvania |

| NAME. | STATE. |
|---|---|
| THOMAS, T. FRASER | Florida |
| THOMAS, GEO., 3d year G. C. | Maryland |
| THOMAS, E. A. | Canada |
| TILSON, LEROY S. | Tennessee |
| TURLINGTON, W. E. | North Carolina |
| TUCKER, F. PRESTON | North Carolina |
| VAN NOTE, E. | Missouri |
| VANNATTA, HARVEY | Ohio |
| ~~VARNO, HENRY G.~~ dead | Massachusetts |
| VINCENT, W. A. | New York |
| WALDRON, L. P. | Ohio |
| ~~WALKER, ROBT.~~ A. dead | Pennsylvania |
| WARNER, A. S. | Maryland |
| WEAGLY, T. H. | Pennsylvania |
| WEAVER, JAS. D., A. B. | Georgia |
| WEAVER, S. W. | Pennsylvania |
| WEBSTER, EUGENE E. | Pennsylvania |
| ~~WICKERT, P. O.~~ dead | Pennsylvania |
| WHITE, THOS. N. | North Carolina |
| WHITTINGTON, W. P. | North Carolina |
| WHITTLE, W. H. | Mississippi |
| WILLIAMS, H. C. | North Carolina |
| WILLIAMS, Z. W. | Alabama |
| WILLIAMS, T. R. | Ohio |
| WILLIAMS, JOHN M. | Missouri |
| WOOFTER, A. J. | West Virginia |
| WYCHE, CYRIL T. | North Carolina |

# GRADUATES IN THE GRADED COURSE.

M. P. CONWAY, (2d year), *Chemistry and Physiology.* N. Y.

G. FRED. FLOYD, (2d year), *Chemistry, Dis. of Nervous System and Clinical Medicine, Dis. Eye and Ear, Dis. of Women, Anatomy and Physiology.* Va.

ANSELM D. HATCH, JR., (3d year), *Graduated in all the branches.* Mass.

FRANK JOHNSON, (2d year), *Chemistry.* N. J.

FRANK MCDONALD, (2d year), *Chemistry, Dis. Nerv. Sys., Dis. Eye and Ear, and Dis. of Women.* Penna.

NORMAN H. NEBLETT, (1st year), *Mat. Med. and Therap.* Va.

R. J. SMITH, (1st year), *Chemistry, Mat. Med. and Therap. and Physiology.* Mich.

GEORGE THOMAS, (3d year), *Graduated in all the branches.* Md.

R. B. WATKINS, (2d year), *Chemistry, Mat. Med. and Ther., Anat., Dis. Eye and Ear, Dis. of Women and Physiology.* Conn.

H. WILLIAMS, JR., (2d year), *Dis. Nerv. Sys., Dis. Wom. and Physiology.* Va.

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## PRIZES.

| | | |
|---|---|---|
| EDWIN VAN NOTE | Missouri | Cathell Prize and 1st College Prize. |
| HAROLD H. LONGSDORF | Pennsylvania | Brown Memorial Prize and 2d College Prize. |
| W. PAGE MCINTOSH | Arkansas | Howard Memorial Prize and 3d College Prize. |
| R. FRED. FROST | Ohio | 4th College Prize. |
| C. A. NORTHROP | New York | 5th " " |
| EUGENE E. WEBSTER | Pennsylvania | 6th " " |

# DAILY ORDER OF LECTURES.

## SESSION 1881—1882.

### MONDAY.

| Hours. | | |
|---|---|---|
| 9 | Surgery, | Prof. Coskery. |
| 10 | Physiology, | Prof. Latimer. |
| 11 | Clin. Medicine and Diseases of Nervous System, | Prof. Arnold. |
| 12 | Principles and Practice of Medicine and Diseases of Chest and Throat, | Prof. Lynch. |
| *1* | *Diseases of the Eye and Ear,* | *Prof. Friedenwald.* |
| 5 | Materia Medica, Therapeutics and Mental Diseases, | Prof. Gundry. |
| 6 | Chemistry, | Prof. Simon, |

### TUESDAY.

| | | |
|---|---|---|
| 9 | | Quiz. |
| 10 | Anatomy, Genito-Urinary and Orthopedic Surgery, | Prof. Bevan. |
| 11 | Obstetrics, | Prof. Opie. |
| *12* | *Clinical Diseases of Chest and Throat,* | *Prof. Lynch.* |
| *1* | *Diseases of Women,* | *Prof. Erich.* |

### WEDNESDAY.

| | | |
|---|---|---|
| 9 | Surgery, | Prof. Coskery. |
| 10 | Physiology, | Prof. Latimer. |
| 11 | Diseases of Women, | Prof. Erich. |
| 12 | Diseases of the Eye and Ear, | Prof. Friedenwald. |
| *1* | *Clin. Medicine and Diseases of Nervous System,* | *Prof. Arnold.* |

### THURSDAY.

| | | |
|---|---|---|
| 9 | | Quiz. |
| 10 | Anatomy, Genito-Urinary and Orthopedic Surgery, | Prof. Bevan. |
| 11 | Principles and Practice of Medicine and Diseases of Heart, Throat and Lungs, | Prof. Lynch. |
| *12* | *Clinical Dermatology and Hygiene,* | *Prof. Rohé.* |
| *1* | *Clinical Obstetrics,* | *Prof. Opie.* |

### FRIDAY.

| | | |
|---|---|---|
| 10 | Anatomy, Genito-Urinary and Orthopedic Surgery, | Prof. Bevan. |
| 11 | Clin. Medicine and Diseases of Nervous System, | Prof. Arnold. |
| 12 | Obstetrics, | Prof. Opie. |
| *1* | *Clinical Surgery,* | *Prof. Coskery.* |
| 5 | Materia Medica, Therapeutics and Mental Diseases, | Prof. Gundry. |
| 6 | Chemistry, | Prof. Simon. |

### SATURDAY.

| | | |
|---|---|---|
| 9 | | Quiz. |
| 10 | Diseases of Children, | Prof. Latimer. |
| 11 | Diseases of Women, | Prof. Erich. |
| *12* | *Genito-Urinary and Orthopedic Surgery,* | *Prof. Bevan.* |
| 1 | Principles and Practice of Medicine and Diseases of Chest and Throat, | Prof. Lynch. |

*Clinics in Italics.*

Dissections daily, N. E. Cor. Lombard and Hanover Streets.

*Obstetric Clinics whenever Cases of Labor occur.*

# TEXT-BOOKS.

*The First Named Book in Each Branch is Preferred.*

---

### Surgery.

Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.

### Practice of Medicine.

Bristowe, Niemeyer, Flint, Cohen on the Throat.

### Obstetrics.

Playfair, Lusk, Leishman, Barker on Puerperal Diseases; Barnes on Obstetric Operations.

### Diseases of Women.

Thomas, Emmet, Barnes.

### Medical Jurisprudence.

Taylor, Beck, Tanner on Poisons.

### Anatomy.

Gray, Wilson.

### Materia Medica.

Wood, Bartholow, Stillé, National Dispensatory, Ringer's Therapeutics.

### Physiology.

Dalton, Martin.

### Chemistry and Toxicology.

Attfield, Youmans, Bowman's Practical Chemistry.

### Diseases of the Eye, the Ear and the Skin.

Nettleship on the Eye, Burnett on the Ear, Wells on the Eye, Turnbull on the Ear. Duhring, Morris on Diseases of the Skin.

### Diseases of Children.

Smith, West, Bouchut.

### Nervous System.

Rosenthal, Charcot, Althaus' Medical Electricity.

### Genito-Urinary Diseases.

Van Buren and Keys and Bumstead on Venereal Diseases, and Otis on Stricture.

# 'HE MARYLAND LYING-IN A

161 WEST LOMBARD STRE EMENT

BALTIMORE, MD.

ıder the Exclusive Control of the College of Physicians an

This Institution is open for the reception of patients. Indigent women of this City d State are admitted for their confinement, and carefully attended by scientific ysicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor ıns have been spared to render it as perfect as possible in all its departments. The blic Wards are spacious, well warmed and ventilated, and are supplied with all the ap- ances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free o arge to all patients in the Public Wards.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according the size and location of the chambers.

For additional information apply to the Dean, or to W. PAGE McINTOSH, M. D. ouse Physician.

THOMAS OPIE, M. D.,

Dean of the Facul

103 W. Fayette Street.

# City Hospital Staff.

## SURGEONS:

| | |
|---|---|
| The FAR J. COSKERY, M. D. | PROF. A. FRIEDENWALD, M. D. |
| AS. F. BEVAN, M. D. | J. W. CHAMBERS, M. D. |

## PHYSICIANS:

| | |
|---|---|
| JOHN S. LYNCH, M. D. | PROF. A. B. ARNOLD, M. D. |
| THOS. S. LATIMER, M. D. | |

IDENT PHYSICIAN, . . . . . W. R. CLARK, M. D.

T. RESIDENT PHYSICIAN, . JOHN W. BOWERS, M. D.

---

# Maternite Hospital Staff.

ATTENDING OBSTETRICIAN, . . PROF. THOMAS OPIE, M. D.

RESIDENT PHYSICIAN, . . . . W. PAGE McINTOSH, M. D.

ASST. RESIDENT PHYSICIAN, . . E. F. WADDLE, M. D.

---

# Woman's Hospital Staff.

ATTENDING SURGEON, . . . . . PROF. A. F. ERICH, M. D.

RESIDENT PHYSICIAN, . . . . . GEO. A. STRAUSS, M. D.

---

# Physiological Laboratory.

PROF. OF PHYSIOLOGY, . . . THOMAS S. LATIMER, M. D.

DEMONSTRATORS OF PHYSIOLOGY, { J. D. BOOKER, M. D.
H. J. BERKLEY, M. D.

---

# City Hospital Dispensary.

PHYSICIAN IN CHARGE, . . . . . N. G. KEIRLE, M. D.

1883-4.

# ANNUAL ANNOUNCEMENT

AND

# CATALOGUE

OF THE

# College of Physicians and Surgeons,

## BALTIMORE, MD.

WITH THE

# VALEDICTORY ADDRESS TO THE GRADUATING CLASS,

MARCH 1st, 1883.

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BALTIMORE:
ISAAC FRIEDENWALD, PRINTER,
103 W. Fayette Street.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## FACULTY OF PHYSIC.

THOMAS OPIE, M. D.
*Professor of Obstetrics, and Dean of the Faculty.*

JOHN S. LYNCH, M. D.
*Prof. of Principles and Practice of Medicine, and Clinical Prof. of Chest and Throat.*

THOMAS S. LATIMER, M. D.
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M. D.
*Professor of Diseases of Women.*

AARON FRIEDENWALD, M. D.
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M. D.
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.
*Professor of Clinical Medicine and Diseases of the Nervous System.*

RICHARD GUNDRY, M. D.
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

WM. SIMON, M. D., Ph. D.
*Professor of Chemistry.*

## AUXILIARY PROFESSORS AND SPECIAL LECTURERS.

GEORGE H. ROHÉ, M. D.
*Professor Hygiene and Clinical Dermatology.*

J. D. ARNOLD, M. D.
*Lecturer on Diseases of the Heart.*

J. W. CHAMBERS, M. D.
*Lecturer on Applied Anatomy of Nervous System.*

N. G. KEIRLE, M. D.
*Lecturer on Pathological Histology.*

J. H. BRANHAM, M. D.
*Lecturer on Regional Anatomy.*

JAMES BROWN, M. D.
*Lecturer on Genito-Urinary Surgery.*

R. B. WINDER, M. D., D. D. S.
*Prof. of Principles and Practice of Dental Surgery as applied to Medicine.*

WILLOUGHBY N. SMITH, ESQ.,
ATTORNEY AT LAW,
*Lecturer on Medical Jurisprudence from a legal standpoint.*

GEORGE A. STRAUSS, M. D.
*Lecturer on Chemistry.*

J. W. CHAMBERS, M. D.
*Demonstrator of Anatomy.*

J. H. BRANHAM, M. D.
*Asst. Demonstrator.*

WM. D. BOOKER, M. D.,
H. J. BERKLEY, M. D., } *Demonstrators of Physiology.*

# THE BALTIMORE COLLEGE OF DENTAL SURGERY.

This Institution was chartered in 1839 by an Act of the General Assembly of Maryland, and is the oldest and most widely known Dental College in the world. The majority of the eminent practitioners of dentistry in this country and Europe are graduates of the Baltimore College. The College Building is one of the largest and finest structures of the kind in this country, and the collection of specimens in the Museum cannot be excelled. The number of patients daily visiting the Infirmary has been so great that the Faculty have been compelled to add additional space and chairs to the already large and well-arranged Operating Hall. All such patients are operated on by the students, under the careful supervision of the Professors and Demonstrators.

The Annual Course of Instruction will commence on October 21st of each year, and continue until the beginning of March following. The first weeks of the Session are devoted to Lectures on practical subjects, especially the "Filling of Teeth," and construction of Artificial Teeth, Clinics, Infirmary Practice and Demonstrations.

The fees each session are $100, Demonstrators' fees included; Matriculation Fee, $5; Diploma Fee, for candidates for graduation, $30; Dissecting Ticket, optional, $10. *These fees, with the exception of the diploma fee, are expected to be paid on matriculating.*

THE INFIRMARY, in the College Building, is open during the entire year for dental operations, and students can enter at any time by paying $50, which is deducted from the fees of the succeeding regular winter course.

Graduates of the Baltimore College of Dental Surgery are required to attend *but one session* at the College of Physicians and Surgeons prior to presenting themselves for the degree of "Doctor of Medicine."

## FACULTY.

JAMES B. HODGKINS, D. D. S.
*Professor of Dental Mechanism and Metallurgy.*

RICH'D B. WINDER, M. D., D.D.S.
*Professor of Dental Surgery.*

M. WELDEN FOSTER, D. D. S.
*Professor of Therapeutics and Pathology.*

THOS. S. LATIMER, M. D.
*Professor of Physiology.*

JAMES E. LINDSAY, M. D.
*Professor of Chemistry.*

CHAS. E. BEVAN, M. D.
*Professor of Anatomy.*

OSCAR J. COSKERY, M. D.
*Clinical Professor of Oral Surgery.*

RICHARD GUNDRY, M. D.
*Professor of Materia Medica.*

## DEMONSTRATORS.

WM. B. FINNEY, D. D. S.
*Demonstator of Operative Dentistry.*

B. HOLLY SMITH, D. D. S.
*Asst. Demonstrator of Operative Dentistry.*

*Demonstrator of Mechanical Dentistry.*

B. FLANNIGAIN, D. D. S.
*Asst. Demonstrator of Mechanical Dentistry*

J. W. CHAMBERS, M. D.
*Demonstrator of Anatomy.*

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**RICHARD B. WINDER, M. D., D. D. S.,**
*Dean of the Baltimore College of Dental Surgery,*
**140 Park Avenue, Baltimore, Md.**

# ALUMNI ASSOCIATION

OF THE

# COLLEGE OF PHYSICIANS AND SURGEONS.

## OF BALTIMORE.

The success of the College of Physicians and Surgeons may well be viewed with pride and pleasure by her graduates. It is to be hoped that they will all join this Society, and aid in advancing the interests of their Alma Mater. An annual meeting and banquet take place at the end of each session, to which graduates and students are invited. Desiring to foster a spirit of emulation and professional ambition among the graduates of the College, and to collect from year to year a full and accurate history of her classes, the following information is requested: 1st. The names and post-office addresses of all graduates. 2d. The names and dates of their literary degrees. 3d. Places of honor and trust held in the profession since graduation, with dates of appointment and terms of service. 4th. Full information concerning deceased graduates. The collection of these facts will be conducted by the Secretary of the Alumni Association, who will publish them in subsequent editions of the catalogue.

# DAILY ORDER OF LECTURES.

## SESSION 1883—1884.

### MONDAY.

| Hours: | | |
|---|---|---|
| 9 | Surgery, | Prof. Coskery. |
| 10 | Physiology, | Prof. Latimer. |
| 11 | Clin. Medicine and Diseases of Nervous System, | Prof. Arnold. |
| 12 | Principles and Practice of Medicine and Diseases of Chest and Throat, | Prof. Lynch. |
| *1* | *Diseases of the Eye and Ear,* | *Prof. Friedenwald.* |
| 5 | Materia Medica, Therapeutics and Mental Diseases, | Prof. Gundry. |
| 6 | Chemistry, | Prof. Simon. |

### TUESDAY.

| | | |
|---|---|---|
| 9 | | Quiz. |
| 10 | Anatomy, Genito-Urinary and Orthopedic Surgery, | Prof. Bevan. |
| 11 | Obstetrics, | Prof. Opie. |
| *12* | *Clinical Diseases of Chest and Throat,* | *Prof. Lynch.* |
| *1* | *Diseases of Women,* | *Prof. Erich.* |

### WEDNESDAY.

| | | |
|---|---|---|
| 9 | Surgery, | Prof. Coskery. |
| 10 | Physiology, | Prof. Latimer. |
| 11 | Diseases of Women, | Prof. Erich. |
| 12 | Diseases of the Eye and Ear, | Prof. Friedenwald. |
| *1* | *Clin. Medicine and Diseases of Nervous System,* | *Prof. Arnold.* |

### THURSDAY.

| | | |
|---|---|---|
| 9 | | Quiz. |
| 10 | Anatomy, Genito-Urinary and Orthopedic Surgery, | Prof. Bevan. |
| 11 | Principles and Practice of Medicine and Diseases of Heart, Throat and Lungs, | Prof. Lynch. |
| *12* | *Clinical Dermatology and Hygiene,* | *Prof. Rohé.* |
| *1* | *Clinical Obstetrics,* | *Prof. Opie.* |

### FRIDAY.

| | | |
|---|---|---|
| 10 | Anatomy, Genito-Urinary and Orthopedic Surgery, | Prof. Bevan. |
| 11 | Clin. Medicine and Diseases of Nervous System, | Prof. Arnold. |
| 12 | Obstetrics, | Prof. Opie. |
| *1* | *Clinical Surgery,* | *Prof. Coskery.* |
| 5 | Materia Medica, Therapeutics and Mental Diseases, | Prof. Gundry. |
| 6 | Chemistry, | Prof. Simon. |

### SATURDAY.

| | | |
|---|---|---|
| 9 | | Quiz. |
| 10 | Diseases of Children, | Prof. Latimer. |
| 11 | Diseases of Women, | Prof. Erich. |
| *12* | *Genito-Urinary and Orthopedic Surgery,* | *Prof. Bevan.* |
| 1 | Principles and Practice of Medicine and Diseases of Chest and Throat, | Prof. Lynch. |

*Clinics in Italics.*

Dissections daily, N. E. Cor. Lombard and Hanover Streets.

*Obstetric Clinics whenever Cases of Labor occur.*

# THE BALTIMORE COLLEGE OF DENTAL SURGERY.

**Chartered by the Legislature of Maryland in 1839.**

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

### FACULTY.

JAMES B. HODGKIN, D. D. S., Professor of Dental Mechanism and Metallurgy.
RICHARD B. WINDER, M.D., D.D.S., Prof. of Dental Surg. and Operative Dentistry.
M. WHILLDIN FOSTER, M.D., D.D.S., Professor of Pathology and Therapeutics.
THOMAS S. LATIMER, M. D., Professor of Physiology.
JAMES E. LINDSAY, M.D., Professor of Chemistry and Dental Materia Medica.
CHARLES F. BEVAN, M. D., Professor of Anatomy.
OSCAR J. COSKERY, M. D., Clinical Professor of Oral Surgery.
RICHARD GUNDRY, M. D., Professor of Materia Medica.

### CLINICAL INSTRUCTORS.

**OPERATIVE CORPS.**

CORYDON PALMER, D.D.S., *Ohio.*
E. PARMLY BROWN, D.D.S., *N. Y.*
A. L. NORTHROP, D.D.S., *N. Y.*
CHAS. R. BUTLER, D.D.S., *Ohio.*
E. L. HUNTER, D.D.S., *N. C.*

**MECHANICAL CORPS.**

JOHN ALLEN, D.D.S., *N. Y.*
CORYDON PALMER, D.D.S., *Ohio.*
E. M. FLAGG, D.D.S., *N. Y.*
R. B. DONALDSON, D.D.S., *D. C.*
L. P. HASKELL, D.D.S., *Ill.*

### DEMONSTRATORS.

WILLIAM B. FINNEY, D.D.S., Demonstrator of Operative Dentistry.
B. FLANNIGAIN, D.D.S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

B. HOLLY SMITH, JR., D.D.S.
R. BAYLY WINDER, D.D.S.
WILLIAM G. FOSTER, D.D.S.
G. J. FORD, D.D.S.
CHAS. S. SEEBOLD, D.D.S.
H. J. PEARSON, D.D.S.
L. H. RAMBO, D.D.S.

J. W. CHAMBERS, M.D., Demonstrator of Anatomy.
J. H. BRANHAM, M.D., Assistant Demonstrator of Anatomy.

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The Baltimore College of Dental Surgery, the first and for many years the only Dental School, offers facilities for the study of Dentistry proper, such as age and experience only can give. Its immense *museum*, complete apparatus, large and well-arranged building, and carefully-studied *curriculum* give to its students great advantages and opportunities both theoretical and practical, while its age gives its Diploma a dignity far outranking all other Colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *College Infirmary*, a most complete, large, and handsome *Hall*, being daily filled with clean and respectable patients, of a class nearly equal to those of the average dentist. *This infirmary is open all the year*, students paying an entrance fee which is deducted from those of the regular succeeding course.

The session begins Oct. 1, closing in March. The first month is devoted mainly to Practical Dentistry—the regular lectures commencing Nov. 1. A large corps of Demonstrators, always present, put in actual practice the teachings of all lecturers on Dentistry—leaving nothing undemonstrated. *All methods are fully taught*, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D.

**TERMS OF GRADUATION.**—Attendance on two full courses of lectures in this College. As equivalent to one of these we accept *one course* in some other reputable Dental or Medical College; five years' practice, including pupilage; a satisfactory preliminary examination.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular tuition fee. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), **$5.00.** Tuition fees, **$100.00.** Diploma fee, **$30.00.** Dissecting fee (optional), **$10.00.**

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**PROF. R. B. WINDER, Dean,**
**No. 140 Park Avenue, Baltimore, Md.**

# Annual Announcement.

## 1883.

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The College of Physicians and Surgeons was organized in 1872. It has year by year added to the size of its classes and extended its facilities, so that now it is the largest medical school that has ever been in the State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons, under the latter name, giving this school all the rights, powers and property of both institutions.

It is a standing rule of the Faculty to lay aside every session a part of the net earnings of the school, to increase its material advantages. Out of this fund, capacious and well-equipped Lecture Halls have been erected, the Maternité Hospital enlarged, the Woman's Hospital purchased, and the Physiological and Chemical Laboratories established.

The possession by the College of a General Hospital in operation, constantly filled with patients, affords students ample opportunity for bedside instruction and experience.

The Maryland Lying-in Asylum furnishes abundance of material for clinical teaching in obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

The Physiological and Chemical Laboratories have been fully equipped and put in practical operation.

All of the above-named institutions are under the exclusive charge of the College of Physicians and Surgeons.

Nothing has been left undone to perfect the clinical feature of the school, and the Faculty is now prepared to give the student advantages equal to any college in this country.

The control of the above-named hospitals and dispensary enables us to confer upon the graduating class a number of positions as Resi-

dent Physicians, in addition to the incalculable advantages offered to resident students.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the college.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end, the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted as the best to assist the student in traversing the vast area of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter course will begin October 1st and end March 1st, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations, the treatment of disease, and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortems, and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's Hospital, gives the best opportunity for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W. Corner of Calvert and Saratoga Streets, No. 51 Saratoga, and No. 161 W. Lombard Streets. Here all the lectures on Medicine, Surgery, and Gynæcology will be delivered. As the New Lecture Halls have been erected adjoining the wards of the City Hospital, which is under the same

roof and connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily, and under the control of the Professor of Anatomy, assisted by two able demonstrators. Parties desiring to operate or dissect privately can readily do so.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification. Its connection with the various police-stations by telegraph and telephone enables them to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 161 West Lombard Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical method adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify

the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnose presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are they made familiar with all those physiological and healthy changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber, and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth. The colored wards, which were opened two years ago, are in successful operation.

## GYNÆCOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided, in addition to an excellent sky-light, gas and water, with a condensing illuminator, operations upon the interior of the vagina and uterus may be performed with equal facility in cloudy as in bright weather, and witnessed by the students with great distinctness. All the free patients of the in-door and all the patients of the out-door department are available as "clinical material"; and the number of cases for that purpose during the past session has been so large that not more than half of them could be utilized. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnose and treat all the disorders of the female generative organs.

## CITY HOSPITAL DISPENSARY,

N. W. Cor. Calvert and Saratoga Sts.

This Institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instructions in Practical Medicine and Surgery.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration of their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz·

*Monday*—Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Prof. Friedenwald.

*Tuesday*—Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Arnold. Prof. Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat, and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

*Wednesday*—The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the uterine speculum, probes, tents and pessaries, are illustrated by Professor Erich.

*Thursday*—Instruction is given in the diagnosis and treatment of diseases of children, by Prof. Latimer.

There will also be a clinical and didactic lecture on Orthopedic and Genito-Urinary Surgery, by Prof. Bevan.

*Friday*—The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Prof. Opie.

Prof. Gundry delivers clinical lectures on diseases of the mind.

Practical instruction in the diagnosis and treatment of diseases of the skin is given by Prof. Rohé.

*Saturday*—Surgical clinic, by Prof. Coskery.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world), by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in dentistry, of this school, who have also passed successful examinations in Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures, on passing a successful examination.

### THE PHYSIOLOGICAL LABORATORY,

recently established by the school, affords excellent opportunities for the study of physiology and practical microscopy. Attendance upon this course is obligatory.

It will be under the supervision of Prof. Latimer, assisted by the Demonstrators of Physiology, Wm. D. Booker, M. D., and H. J. Berkeley, M. D.

### A CHEMICAL LABORATORY

has also been established, in which demonstrations in chemistry will be given during the course, attendance upon which will be required of each student.

### THE SPRING COURSE

begins on the 15th of March and ends on the 15th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation.

It is intended rather to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to receive further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty and able assistants, which are given each day between the hours of 12 M. and 2 P. M.

Students and graduates are admitted to this course on payment of the matriculation and demonstrator's ($15.00) fees, which amount is credited on the fees of the next winter session.

Further advantages of the Spring course are, that students have then an opportunity for pursuing their laboratory and dissecting work, by which they curtail to this extent the labor of the winter session.

### GRADUATION.

The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education and have passed a satisfactory examination before the Faculty.

Graduates of this School will have no difficulty in registering their diplomas in those States where it is required by law.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and, in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Nervous System and Diseases of the Skin, and Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Clinical Medicine and Diseases of Children.

At the end of each year the student will be examined in the branches studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the succeeding year, and on them he will have to stand a second examination.

The graded student can attend all the lectures if he thinks proper to do so, but, as he will only be required to prepare himself for examination on the subjects which constitute that year's curriculum, it is believed that at the end of the course he will be *better* prepared than if he had attempted to read and prepare for examination on *all* the branches during two sessions. While the Faculty, therefore, do not *require* students offering themselves to this College to adopt this graded course, they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 400,000, affords its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## MEDALS AND CERTIFICATES OF HONOR.

*The Cathell Gold Medal* is awarded by Dr. D. W. Cathell, formerly Professor of Pathology in this College, to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a silver medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The Howard Memorial Prize*—a silver medal—is also conferred by the Faculty on the candidate who stands third.

*The First Certificate of Honor* is also bestowed on the graduate whose standing is the highest.

*Five other Certificates of Honor* are awarded to the five graduates standing next in order of merit.

## HOSPITAL APPOINTMENTS.

In addition to the above medals and distinctions, the Faculty have it in their power to bestow upon meritorious graduates, valuable appointments as resident hospital physicians, viz. at the City Hospital, the Maternité, and the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunity for practical study and clinical practice.

Provision has been made for the accommodation of a number of Resident Students in the City Hospital.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120.

Tickets for one or more of the branches may be taken out separately

## SPECIAL FEE.

In order to place the facilities of this school within the reach of the qualified, yet poor young men of our country, and in conformity with the usage of the times, we receive a number of *Privileged Students.*

They are known as such only to the Dean, and are granted all the advantages the College affords.

Special Privilege Fee, . . . . . $55.00.

Preceptors recommending students for special privilege will fill the blanks of the accompanying postal card, on receipt of which by the Dean, if satisfactory, a ticket of admission will be returned.

All students of this College are required to dissect each year. No charge is made for dissecting material.

*All fees, save for graduation, must be paid at the beginning of the session.*

## SUMMARY OF NECESSARY EXPENSES.

### Full Fees:

| | |
|---|---|
| College Fee, . . . . . | $120 00 |
| Board, Room, Fuel, Light, &c., for 20 weeks, at $4 | 80 00 |
| Total, . . . . . | $200 00 |

### Special Privilege Fees:

| | |
|---|---|
| College Fee, . . . . . | $55 00 |
| Board, &c. . . . . | 80 00 |
| Total, . . . . . | $135 00 |

Graduation Fee in all cases, $30.00.

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information, address,

THOMAS OPIE, M. D., Dean,
*N. E. Cor. Carey and Lexington Sts.*,
Baltimore, Md.

# CLASS 1882-83.

ALABAMA.

Briggs, R. J .....Dr. J. R. Jones.
Horton, W. M.....Dr. D. Watkins.
Pearson, H. L.....Dr. R. B. Winder.
Rambo, L. H. .....Dr. Samuel Rambo.

ARKANSAS.

McIntosh, M. C.....Dr. W. P. McIntosh.

CANADA.

Girard, A. R.....Dr. J. W. Chambers.

CONNECTICUT.

Fitzgerald, E. M.....Dr. J. G. Wiltshire.
Watkins, R. B.....Prof. C. F. Bevan.

DELAWARE.

Rumer, Frank .....Faculty.

DISTRICT OF COLUMBIA.

Deford, W. H., D. D. S., Dr. R. B. Winder.
Hills, Thos. O., Jr.....Dr. T. O. Hills.

FLORIDA.

Wilson, F. M.....Dr. C. L. Mitchell.

GEORGIA.

Brewer, J. C.....Dr. Allen Brown.
Carrington, P. M.....Dr. J. H. Branham.
Cone, J. B.....B. C. D. S.
Etheridge, J. A. Jr., A.M., Dr. J. A. Etheridge
Ford, G. J.... .....Dr. W. W. Ford.
Green, J. Ed .....Faculty.
Hood, E. Van..Drs. Mitchell and Copeland.
Palmer, J. G.....Dr. E. Van Hood.
Richardson, C. H. Jr., A. B.....Dr. C. H. Richardson.
Raines, A. M.....Dr. C. B. Raines.
Simon, Frank..... .....Dr. R. P. Meyers.
White, J. H.....Dr. J. H. Branham.

ILLINOIS.

Vigneron, E.....Dr. G. G. Lewis.

INDIANA.

McKelvey, S. R.....Drs. Schell and Wiles.
Terry, P. E.....Dr. D. E. Terry.

KENTUCKY.

Chapman, W. C.....Dr. S. L. Berry.
Dearkins, R. W.....Drs. Smith and Brown.
Elmore, W. L.....Dr. W. O. Sweeny.
Garred, B. P.... .....Dr. S. M. Ferguson.
Southall, J. A.....Mobile Med. Col.
Walden, A. W ... .....Dr. R. W. Dunlap.

LOUISIANA.*

Bush, A. R.....Dr. W. H. Heus.
Bercier, A. H.....B. C. D. S.
Jamison, C. M....Drs. Atkinson and Blake.
Saunders, H. G.....Dr. J. S. Knapp.
Simonton, A.E., Drs. Simonton and Dupree.

MARYLAND.

Bell, J. B.....Dr. J. H. Bell.
Brayshaw, Tho. H.....Dr. T. B. Owings.
Culbreth, D. M. R.....Faculty.
Carroll, T. G.....B. C. D. S.
Dashiell, J. T.....B. C. D. S.
Davis, J. M.....Dr. G. W. Borkman.
Fochtman, J. H.....Dr. J. J. Wilson.
Huck, J. G.....Faculty.
Jordan, P. B.....Faculty.
Jones, D. H.....Dr. J. J. Jones.
Jarrett, H. S.....Dr. J. H. Jarrett.
Linthicum, T. O.....Dr. W. G. Williams.
Lewis, J. R.....Dr. L. L. Bitting.
Montell, M. N. A.....B. C. D. S.
Michael, P. A.....Dr. W. H. McCormick.
Martin, I. J., Jr.....Dr. T. B. Owings.
Nordmann, T. R., Jr.....Dr. Wm. Simon.
Proctor, F. B.....Dr. E. G. Proctor.
Robinson, T. E.....Dr. J. H. King.
Riddlemoser, W. T., Dr. J. E. Riddlemoser.
Riley, G. H.....Dr. E. Van Note.
Strauss, G. A.....Dr. J. W. Chambers.
Slicer, J. B.....Dr. T. A. Worrall.
Stonestreet, J. H.....Dr. J. T. Digges.
Smith, B. H., Jr., D. D. S.....B. C. D. S.
Skilling, Jno. T.....Dr. J. D. Skilling.
Truitt, E. F.....Dr. S. P. Dennis.
Taylor, W. F.....Dr. J. H. K. Jacobs.
Twigg, Ashford.....Dr. J. J. Wilson.
Vogel, G. B.....Dr. F. H. Horne.
Williams, A. J.....Faculty.
Winder, R. B., Jr.....B. C. D. S.
Wachter, Chas. L.....Dr. L. Wachter.

MICHIGAN.

Phillips, H. H.....Dr. C. P. Bigelow.
Smith, R. J.....Dr. H. A. Goodall.
Siver, E. L.....Dr. W. A. Hendryx.

MINNESOTA.

Kling, Orlando.....Dr. H. P. Johnson.
Little, D. W.....Dr. Farnsworth.

MISSOURI.

Holmes, Jos. N.....Dr. F. C. Collier.
Hall, R. E. L.....Drs. Hall and Crawford.
Hendrix, J. F.....Dr. W. G. Hendrix.
Kinyonn, J. W.....Dr. J. H. Kinyonn.
Wade, J. T.....Dr. J. T. Walls.

MISSISSIPPI.

Robbins, E. B.....Dr. B. James.

MAINE.

Patterson, H. J.....Dr. M. W. Hall.

NEW YORK.

Bush, J. C. F.....Dr. R. D. Bush.
Benninghoff, Milton, Practitioner.....
Dr. F. T. Flood.
Conway, M. P.....Univ. of Mich.
Colegrove, C. M.....Dr. O. A. Jaring.
Carpenter, Eton N....Dr. E. G. Carpenter.
Derby, G. A.....Dr. J. B. Church.
Eaton, Edgar P.....Dr. J. W. Booth.
Green, Alb. W.....Dr. W. H. Loomis.
Hubbs, M. B.....Dr. J. W. Chambers.
Haig, A. A.....Drs. Fadden and Anderson.
Halsey, L. D. W.....Dr. L. D. Wright.
Miller, Jno., D. D. S.....Dr. R. B. Winder.
Robinson, J. S.....Dr. T. Wight.
Snooks, G. M.....Prof. O. J. Coskery.
Trafford, C. B.....Dr. A. F. Taylor.

NEW JERSEY.

Anderson, J. E.....Drs. A. Shannon and N. E. Brokaw.
Cook, F. M.....Dr. J. S. Cook.
Johnson, L. H.....Dr. J. S. Cook.
Johnston, Frank.....Dr. W. A. Herrick.
King, F. L.....Dr. J. W. Collins.
Stiger, J. D.....Dr. A. Shannon.
Sooy, R. M.....Dr. D. B. Ingersoll.

NORTH CAROLINA.

Butner, B. Z.....Dr. N. A. Wolf.
Bullock, T. C.....Dr. L. Hussey.
Boddie, N. P.....Dr. J. M. Earl.
Boyette, J. M.....Dr. J. H. Darden.
Brooks, G. C.....Dr. R. H. McIntosh.
Battle, J. T. J., A. M.....Dr. A. J. Battle.
Bagwell, W. H.....Dr. J. A. Pexton.

Best, W. B., Jr.....Dr. W. L. Best.
Broughton, C. B.....Dr. B. S. Utley.
Bryan, Chas. Q.....Dr. J. O. Wilcox.
Cate, G. V.....Dr. J. R. Hogan.
Cope, G. C .....Dr. J. M. Moore.
Cartwright, R. N.....Dr. R. H. McIntosh.
Clark, H. Thomas.....Dr. J. B. Lucas.
Cooper, F. L.....Dr. G. W. Mosley.
Clayton, C. E.....Dr. Alex. Bulla.
Corpening, M. L.. .....Univ. of N. C.
Craven, W. P.....Dr. W. A. Hott.
Caldwell, D. G.....Faculty.
Carson, C. J .....Dr. J. M. Carson.
Colvard, J. W.....Dr. S. C. Gerky.
Daughton, Geo.....Dr. J. O. Wilcox.
De Vane, J. D .....Dr. J. S. De Vane.
Edwards, Wm.....Dr. J. W. Jackson.
Flippin, J. M.....Dr. Jas. Hollingsworth.
Flow, W. M.....Drs. Young and McLelen.
Fagg, R. P.....Dr. J. R. Smith.
Gibson, M. W.....Dr. M. W. Hill.
Gold, G. M.....Dr. McBrayer.
Hatch, P. R.....Dr. J. A. Haines.
Harrell, W. J.....Dr. W. H. Sears.
Hilliard, Sid. P.....Dr. R. B. Winder.
Johnson, H.....Dr. W. J. Carman.
Joyce, W. J.....Dr. W. A. Matthews.
Jones, E. E.....Dr. Chas. G. Hill.
Kellam, W. D.....Dr. F. C. Kellam.
Lovelace, T. B .....Dr. D. McBrayer.
Matthews, J. E..... ....Dr. W. H. Taylor.
Morphew, W. F.....Dr. E. Roy Philips.
McSwain, F. C.....Prof. O. J. Coskery.
Murray, H. P.....Dr. K. A. J. Powers.
Moore, F. T.....Dr. W. E. Turlington.
McLean, Neill M.....Dr. J. D. Croom.
Nicholson, J. T.....Dr. S. T. Nicholson.
Powell, W. E..... .....Faculty.
Pendleton, A. L .....Dr. J. E. Wood.
Reese, J. M.....Univ. of N. C.
Royal, M. A.....Dr. C. Holcomb.
Smith, J. B .....Dr. Jos. Hollingsworth.
Shaver, J. V.....Dr. L. M. Aubrey.
Turner, J. A .....Dr. W. E. Edwards.
Utley, E. B.....Dr. B. S. Utley.
Vestal, W. J .....Dr. E. W. Allen.
Withers, J. H., Jr.....Dr. J. A. McDougal.
White, J. H .....Dr. R. M. Johnson.

NEW BRUNSWICK (N. B.)

Duncan, R. W. H.....Dr. J. H. Morrison.
McIntosh, D.....Dr. J. McG. Backster.
Walsh, F. W.....Dr. J. H. Morrison.

NOVA SCOTIA (N. S.)

Payzant, J. A.....Dr. E. N. Payzant.

OHIO.

Aellig, A. B .....Dr. J. M. Earnst.
Ailes, A. M .....Dr. G. D. Knox.
Chambers, J. J.....Dr. James Anderson.
Carpenter, E. G .....Dr. Geo. Mitchell.
Focht, W. H.....Dr. A. B. Hovey.
Hengst, P. R.....Dr. J. W. Lewis.
Kimerer, J. R..Drs. Hogue and Campbell.
Leonard, W. W.....Dr. A. J. Erwin.
Mulhane, J. D .....Dr. J. D. Cotton.
March, E. J.....Dr. C. L. Morgan.
Webb, M. W.....Drs. Ferguson and Reed.
Waddle, E. F ..... Dr. Wm. Waddle.

PENNSYLVANIA.

Anderson, J. L.....Dr. W. H. Daly.
Black, Jno. T...Drs. C. N. and R. J. Black.
Billick, H. T.....Faculty.
Bemisdorfer, J. R.....Dr. T. H. Weagley.
Carroll, J. J .....Prof. O. J. Coskery.
De Burkarte, J .....Dr. W. H. H. Cobb.
Ewing, Chas. M.....Dr. T. Carson.
Frazier, E. C.....Dr. J. L. Beasley.
Flanagan, D. C.....Dr. Ed. Lyon.
Fairman, Silas P.....Dr. J. H. Smith.
Fleming, J. F .....Dr. B. M. Yost.
Foutch, C. R.....Dr. W. H. Gardener.
Follmer, J. B .....Dr. W. T. Vance.
Gentry, J. M.....Dr. C. W. Hebb.
Garvey, J. B.....Faculty.
Gearhart, E. A..... Dr. W. E. Gregory.
Heilman, A. E.....Dr. J. T. Deemer.
Hovis, J. F.....Drs. Hoffman and Parr.
Hagerty, J. S.....Dr. C. S. Langley.
Hopkins, C. F .....Dr. W. C. Hull.
Hare, Albert.....Dr. W. H. McCullough.
Huebner, D. A.....Dr. D. Huebner.
Jolly, G. L .....Dr. O. E. Megorgell.
Krebs, J. S.....Dr. J. W. Sheets.
Kelley, Carl M.....Dr. D. Kelley.
Kahle, A. W.....Dr. A. R. Baker.
Kunkel, A. T .....Dr. J. W. Chambers.

Laing, H. M .....Dr. J. G. Laing.
McDonald, F.....Dr. Thos. Lynch.
Moorhead, W. H., Drs. Walker & Hepburn.
Moorhead, R. C....Drs. Walker & Hepburn.
Mauley, J. A.....Dr. H. Hollester.
McDanel, H.....Dr. J. W. Roop.
McGovern, Michael, Dr. W. T. Humphrey.
Moore, C. E .....Dr. S. C. Spalding.
McGrew, J. B.....Dr. J. B. McGrew.
McClelland, L. S.....Dr. R. B. Brown.
Moore, E. M .....Dr. Jno. Thompson.
Newlin, H. S.....Dr. J. K. Vankirk.
Quinn, W. C .....Dr. W. S. Wilson.
Riegal, W. A. L.....Dr. J. W. Sheets.
Rick, J. A .....Dr. M. A. Rick.
Ritchey, V. H.....Faculty.
Sheets, J. W., M. D .....Univ. of Pa.
Smith, L. H.....Dr. W. R. Langshore.
Sproesser, Alfred.....Dr. B. Trautman.
Schlicher, E. J.....Dr. C. A. Hanes.
Sigworth, F. P.....Dr. C. W. France.
Snyder, W. M.....Dr. F. P. Dundore.
Sutliff, Justus.....Dr. E. L. Diffenderfer.
Shirley, J. S .....Dr. J. W. Chambers.
Tassell, W. H.....Dr. C. S. French.
Ulman, E. S.....Dr. D. C. Gailbraigth.
Welch, W. V.....Dr. J. Coroda.

## RHODE ISLAND.

Burton, S. S.....Dr. T. Newell.
Conley, W. J.....Dr. L. C. F. Garvin.
Philbrick, W. V...Drs. Beatty and Sarolet.
Smith, T. J .....Dr. L. T. C. Gorwin.

## SOUTH CAROLINA.

Brown, W. E.....Dr. J. W. King.
Briggs, D. K.....Dr. W. C. Smith.
Cave, W. K.....Dr. W. W. Smith.
Carwile, P. B.....Dr. E. C. Frierson.
Hiers, C. M .....Dr. J. P. Carter.
Johnstone, Theo .....Dr. A. P. Johnson.
Kelley, T. R.....Dr. S. V. Hoopman.
Moses, W. D .....Dr. Muckenfuss.
Morgan, J. J.....Dr. J. T. Anderson.
Patrick, G. B .....Dr. J. B. Patrick.
Robinson, J. P .....Dr. J. D. Neel.
Tate, Geo. T .....Dr. A. Thompson.
Watson, S. P .....Dr. C. T. Ford.

## TENNESSEE.

Chitwood, O. A.....Dr. R. N. McGaughey.
Courtney, A. L.....Dr. S. Matthews.
Elliott, J. A .....Dr. A. B. Harkins.
Hudson, B. V .....Dr. E. D. Moore.
Williams, E. K.....Dr. J. W. Phillips.

## TEXAS.

Allen, B. S.....Dr. G. G. Kemper.
Cooper, J. L.....Univ. of Va.
Farrell, A. J.....Tex. Med. Col.
Matthews, C. O .....Dr. A. G. Claxton.
Odell, S. P.....Dr. Thos. Odell.
Philpott, W. A.....Dr. J. G. Crump.
Reed, J. E.....Mo. Med. Col.

## VIRGINIA.

Ashton, Stewart T.....Dr. H. D. Ashton.
Anderson, J. R.....Dr. J. R. Dillard.
Brooking, Judson.....Univ. of Va.
Baylor, W. E.....Dr. Gildersleeve.
Burner, D. F.....Dr. J. G. Wiltshire.
Coffman, W. H.....Dr. J. H. Wolfe.
Cabell, J. R.....Dr. W. C. Cabell.
Colbert, O. R.....B. C. D. S.
Canada, H. W.....B. C. D. S.
Dutton, W. A.....Dr. P. W. Atkinson.
Eubank, C. D .....Faculty.
Floyd, G. F.....Faculty.
Gentry, C. C .....Dr. Geo. A. Wood.
Good, J. E.....Dr. F. E. Rice.
Hammond, A. W.....Dr. J. O. Keith.
Hutchison, Frederic, M. D., Dr. T. L. Settle.
Hicks, J. R.....Dr. L. A. Miller.
Kellam, B. C .....Faculty.
Martin, H. B .....Dr. Geo. Farmer.
Meeks, W. D .....Dr. J. W. Chambers.
Neblit, N. H.....Faculty.
Ninde, F. F....Drs. Ninde and Carruthers.
O'Hara, Robin.....Faculty.
Oliver, G. H .....Dr. J. B. Hodgkins.
Painter, G. G.....Dr. J. A. T. Painter.
Pruner, W. H .....Dr. C. Alderson.
Price, W. E., M. D.....Univ. of Va.
Phillips, J. E., M. D .....Faculty.
Row, W. D.....Dr. E. W. Row.
Richeson, W. A .....Dr. J. G. Wiltshire.

Riddick, J. G .....Dr. V. N. Bangle.
Reed, Jno. F..... .....Dr. J. R. Woodley.
Stafford, J. W.....Dr. D. A. Stafford.
Smart, L. G ..... Dr. T. S. Beckwith.
Sims, E. W..... . .....Dr. H. A. Sims.
Tebault, W. P.....Dr. A. T. Tebault.
Tulloss, W. R.....Dr. Horace Smoot.
Vermillion, J. C .....Dr. J. Parmer.

WEST VIRGINIA.

Albright, H. B .....Dr. Benj. Fichtner.
Aultz, Adam E.....Dr. D. A. Thomas.
Atkinson, Clarence L. C.....Dr. D. Rosser.
Atkinson, J. B.....Faculty.
Black, W. G.....Dr. C. A. Black.
Berry, J. W .....Dr. J. S. Lewis.
Byington, Frank D.....Dr. W. Heill.
Clark, W. R .....Dr. J. W. Chambers.
Dailey, G. T.....Dr. R. W. Dailey.
Daniels, J. B .....Dr. J. G. Wiltshire.
Edmiston, M. Jr. ..... Dr. T. J. Edmiston.
Fisher, D. S .....Dr. D. Thomas.
Frey, W. H ..... B. C. D. S.
Gatewood, M. M .....Dr. J. S. Stump.
Garrison, W. R .....Dr. G. J. Garrison.
Holroyd, W. H....Drs. J. S. C. and I. Bee.
Hannati, P. H.....Dr. I. Smith.
Hersman, C. C.....Dr. T. G. Edmiston.
Kidd, J. W.....Dr. Isaac Smith.
Keever, W. S..... Dr. J. S. Keever.
Love, W. P..... Dr. A. R. Barbee.
Lowther, J. G..... Dr. J. E. Kendall.
Morgan, W. W.....Dr. A. M. Crawford.
Moore, H. R .....Dr. G. T. Mason.
Musgrave, E. E .....Dr. W. P. Neale.
Nash, Chas. P.....Dr. G. T. Robinson.
Noell, E. E.....Dr. N. W. Noell.
Powell, M. Taylor.....Dr. T. F. Lanhain.
Palmer, Friend.....Dr. J. W. Yater.
Rowan, P. J.. .....Faculty.
Rodreick, S. S .....Dr. T. F. Lanhain.
Spangler, C. W.....Dr. J. H. Branham.
Zimmerman, A. B..... Faculty.

# GRADUATING CLASS 1882-83.

Aultz, Adam E.....W. Va.
Anderson, Jos. L .....Pa.
Anderson, John R ..... Va.
Burton, S. S .....R. I.
Brooking, Judson.....Va.
Black, William Gibson .....W. Va.
Boddie, Needham P.....N. C.
Black, John T.....Pa.
Bush, A. Richard.....La.
Bagwell, Wm. H.....N. C.
Briggs, Ritchie J.....Ala.
Bemisdarfer, J. Rowe.....Pa.
Baylor, W. E.....Va.
Benninghoff, Milton.....Pa.
Carrington, Paul M.....Ga.
Cooper, James L .....Texas.
Carroll, John J.....Pa.
Cook, Frank M.....N. J.
Clark, W. R.....W. Va.
Carwile, P. B .....S. C.
Colegrove, Cassius M .....N. Y.
Chitwood, Oren A.....Tenn.
Conway, M. P., 3d yr. G. C.....N. Y.
Craven, Walter P., A. B .....N. C.
Corpening, Martin L.....N. C.
Culbreth, David M. R .....Md.
De Ford, William H., D. D. S.....D. C.
Deakins, Ross W .....Ky.
Elmore, W. Lewis .....Ky.
Etheridge, James A., Jr., A. M.....Ga.
Floyd, G. Fred., 3d yr., G. C ..... Va.
Farrell, A. J .....Texas.
Focht, William H.....Ohio.
Fochtman, John H .....Md.
Flanagan, D. C.....Pa.
Gentry, C. C.....Va.
Girard, A. R.....Canada.
Garrison, Wm. R .....W. Va.
Garred, B. P.....Ky.
Hengst, Phil. L .....Ohio.
Hatch, Peter R., 3d yr. G. C.....N. C.
Holmes, Joseph Noel.....Mo.
Halsey, Levi D. W .....N. Y.
Hovis, J. Frank .....Pa.
Hare, Albert .....Pa.
Hubbs, Melvin B.....N. Y.
Haig, A. A.....N. Y.
Hudson, Benjamin Vernon.....Tenn.
Hendrix, James F .....Mo.
Huck, John G..... Md.
Johnston, Frank.....N. J.
Jolly, George L.....Pa.
Kahle, Albert Wesley.....Pa.
Kling, Orlando.....Minn.
Kelly, Thomas R.....S. C.
King, Frank L .....N. J.
Kunkel, Asaph T.....Pa.
Lovelace, Thomas B.....N. C.
Leonard, W. Wykoff .....Ohio.
Little, De Willis.....Minn.
Moore, Edward M .....Pa.
McLean, Neil Malcolm.....N. C.
Musgrave, Ernest E.....W. Va.
Morgan, Waitman W., 3d yr. G. C...W. Va.
Meeks, William D .....Va.
Moore, Charles E.....Pa.
Moore, Howard R ..... W. Va.
McGrew, James B .....Pa.
Mulhane, John D .....Ohio.
McDanel, Harry ..... Pa.

Michael, Phil. A ..... Md.
Miller, John, D. D. S ..... N. Y.
McDonald, Frank W. R., 3d yr. G. C... Pa.
Morgan, Jesse J ..... S. C.
Newlin, Harry Sumner ..... Pa.
Painter, George Grattan ..... Va.
Powell, M. Taylor ..... W. Va.
Powell, William E. ..... N. C.
Richeson, Walter A ..... Va.
Row, William D ..... Va.
Riddick, James G ..... Va.
Richardson, C. H., Jr., A. B ..... Ga.
Reed, Joseph E ..... Texas.
Riley, George H ..... Md.
Spangler, Charles W ..... W. Va.
Smith, B. Holly ..... Md.
Sims, Edgar W ..... Va.
Shirley, John S ..... Pa.
Snyder, Wilson M ..... Pa.
Sigworth, Franklin Pierce ..... Pa.
Southall, James A ..... Ky.
Snook, George M ..... N. Y.
Strauss, George H ..... Md.
Simonton, Augustus E ..... La.
Truitt, E. Fillmore ..... Md.
Trafford, Charles B ..... N. Y.
Tebault, W. Paul ..... Va.
Tate, G. T ..... S. C.
Tassell, William H ..... Pa.
Utley, Everett B ..... N. C.
Vermillion, John Calhoun ..... Va.
Vogel, George B ..... Md.
Vestal, Willis J ..... N. C.
Watkins, Ralph B., 3d yr. G. C ..... Conn.
Williams, E. K ..... Tenn.
Walden, Algernon W ..... Ky.
Waddle, Edward F ..... Ohio.
Welsh, W. V ..... Pa.
White, Joseph H ..... Ga.

# VALEDICTORY ADDRESS

DELIVERED TO THE

## Graduating Class of the College of Physicians and Surgeons

BALTIMORE, MARCH 1, 1883.

By RICHARD GUNDRY, M. D.,

Professor of Materia Medica, Therapeutics and Mental Diseases, College of Physicians and Surgeons, Baltimore; Superintendent of Maryland Hospital for the Insane.

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Our worthy Dean introduced me to you, ladies and gentlemen, as an apology. I am therefore only an apology for a speaker. You will doubtless receive me as you would hard times and heavy taxes—with becoming resignation, as a stern necessity, and try to make the best of it. That you will accord me your attention I am sure, from the well-known courtesy of Baltimore audiences. Should my very hastily prepared address tax your patience too long, I can only plead the excuse that Pascal gives for the undue length of one of his letters—that I had not time to make it shorter.

No person within the sound of my voice can regret more than I do the absence of Senator Voorhees on this occasion. From his well-earned reputation, you had a right to expect from him much gratification. Instead of the intellectual banquet he would have set before you, with tempting viands and glorious fruits, the whole feast decked out with fragrant and many-hued flowers, I can only ask you to partake with me a potage of wholesome herbs, which may prove useful, if not especially fragrant or ornamental.

> "For you there's rosemary and rue. These keep
> Seeming and savour all the winter long.
> Grace and remembrance to you."

There can be, Gentlemen of the Graduating Class, only one other occasion in your lives which can vie in interest and importance to you with this scene. The occasion I refer to is your wedding-day. There is, however, a slight difference to be noted. To-day *you* are the central figures on which all the interest of this vast assembly is concentrated. On that other occasion, another will be the chief object of interest to the sympathizing spectators, and each of you will play but a subordinate figure. On both occasions, troops of friend will gather to share in and add to your joy. Their hands will bring flowers to

enhance the grace and beauty of the scene; their hearts will swell with satisfaction at your present success, while their best wishes and hopes for your future will find fervid utterance. Then, as now, to each one of you, all will have a roseate hue, and none would seek to dispel the fond illusions of the day. Yet all your true friends will perchance also remember that trials and struggles, disappointments and dangers, must come to you as to all men—trials which may make you stronger and better if you grapple with and conquer them, or may (which God forbid) result in failure and disaster. On neither occasion can your friends hope for you an unchequered career of success and happiness. Professional life without its cares and struggles and difficulties (if such a thing were possible), would only engender weakly growth. The plant of the hothouse may have its charms, but strength is not one of its attributes. The oak that has been reared amid the heats of summer and frosts of winter, whose branches have been buffeted by the winds and storms, may sometimes suffer injury, but grows stronger from every conflict with the elements, and becomes at last the majestic monarch of the forest, the pride of all the country. If you would be the strong men of your profession, you must be prepared to meet with calm courage the trials and storms that await you. As to the prospects of a married life without a passing cloud, I can only quote, for your benefit and consolation, the opinion of a good Presbyterian divine. When one of the Elders of his church complacently asserted that he and his good wife had lived together for forty years without a word of anger or difference between them, he gravely replied: "*Eh, man; you must have had a terribly monotonous time of it!*"

To-day no such spectres shall affright us. Let us give to the illusions of hope full play. The sombre shades of the past have taken on a more mellowed hue as they blend into harmony with the bright tints of the present. The future dawns upon you with still brighter radiance. To-day you naturally feel elated at your achievements in the various studies of your profession, of which your presence here and the diplomas you have just received are the evidence. You have a right so to feel. To each of you, the diploma you hold seems the veritable lamp of Aladdin, by which you may conjure to your aid mighty genii to lay bright jewels and untold wealth at your feet. To-morrow or to-morrow's morn it will more justly represent the rusty key with which you will eagerly try to unlock the doors of Doubting Castle, in which, with Hopeful, you have been immured. The vital question, then, will be how to apply it rightly, so as to unlock the doors that lead to prosperity and success. You will then find, as cooler judgment and keener vision displace your first elation and subsequent despondency, that there are many heights to climb, many tasks to be performed, before success is within reach. Do not sigh for royal roads or short cuts to the desired spot, or fall into what Lord Bacon calls the "paradox of power"—desiring to gain the end without submitting to use the means.

There are four ways, says Lord Campbell, by which an English barrister succeeds in achieving professional success. First, by huggery; second, by writing a book; third, by a miracle; fourth, by attending sessions, special pleading, etc.; that is, doing work in the lower walks of professional life. Analogous methods are applicable to our own profession. A word or two upon each method may be appropriate to our present circumstances.

1. The English barrister is mainly dependent for business upon the work sent him by attorneys. It is considered unprofessional in him to solicit from

them, or to cultivate their particular acquaintance, so as to attract their business by any other means than by supposed legal qualifications. The arts employed to solicit the aid of attorneys by improper means is *huggery*. Now many a young medical man, as well as a young barrister, thinks he can rush into great practice by the adroit, and of course undetected, practice of the various arts of huggery. He drives through the streets as if death and he were running a race who should reach the patient first, his imagination all the while dwelling upon the attention he gains from beholders, who, impressed with his supposed press of business, will hasten to employ a rising man. The trick may succeed, but the more usual result is that all sensible people hurry to get out of the way of the doctor's horse and of himself. When we see a young doctor's equipage always driven up to his door as the church-going people are going to or coming out of church, there is a suspicion of huggery. A young doctor marries a wife who, by her tact and manners, impresses society favorably, and seeks, by hints and innuendos, to assure all her acquaintances of the vast ability and great success of her husband; that if he were employed, their children would be saved, and none would die from anything but old age. This is huggery in another form. When a young doctor is noticed to be very often called out of church, or lecture, or public gathering, where his older brethren sit calmly enjoying their rest, the suspicion of huggery is strong. One of the old medical worthies practiced this art in a way only accessible to those of us who are fortunate enough to be sons of ministers. When he was called out of the congregation, his reverend father would pause in the service, and solemnly ask the prayers of the congregation on behalf of the afflicted person his son was about to visit. When a young physician (ay, or an old one too) loudly discusses professional subjects in a promiscuous company, without any especial reason for so doing; when he recounts the cures he has wrought and the wonders he has achieved; when he shrugs his shoulders at the narration of the ill results of another physician's efforts, or suggests, however modestly, how he had treated similar cases with very different results—what is this but huggery of a very mean sort? When a man is called to a case in care of another physician, when little remains to be done, and hints at the different result which might have been if he instead of the other physician had been called soon enough—this is huggery, and something worse! These are a few of the "black arts" with which men seek professional success. The man who succeeds with them would generally succeed without them. Unfortunately, such arts and their reported success attract the attention of the beginner, despondent and anxious for work, who forgets that solid work and real merit alone can retain the practice which fortune or craft may have thrown in his way. Success thus purchased is purchased only by the sacrifice of self-respect.

But while I trust you will despise all these "*black arts*," do not rush to the opposite extreme and despise all extraneous advantages. If, where you settle to work, you have an influential or large connection eagerly interested in your prosperity, be thankful for such blessings, but do not expect too much. Prove your armor first, and then they will help you. However benevolently inclined a friend may be, he would rather that you cure some other person before he submits himself or those dear to him to your professional care in the emergencies of disease. Every man thinks that if he can find the *first* friend to help him, others will soon follow. This is true. Every man with a proper spirit will find this friend who will hew for him the first steps out of the rocky steep

where he can place his feet securely in his ascent to fortune. The first few steps gained with the assistance of this friend, the rest are more easy, and other friends will cheerfully aid his upward progress. But where will I find this first true friend? each of you may ask. You may recognize his features, if you will, in the first looking-glass you come across.

2. *By writing a book.* This is a means of acquiring practice rarely accessible to a young lawyer or a young physician. My revered friend, an old clergyman, used to say to young preachers: "If the Lord calls a man to preach the Gospel, he also calls men to hear him preach. That is the proof of the call." So a young man may publish if he has money to spend or can circumvent a publisher—a difficult thing to do—but the question is of readers. Without readers, how is the book to bring patients to the author's door? The substitute for writing books with us is writing for medical journals. There the young writer has the chances of getting into print at the expense of somebody else, and has readers furnished to his hand. Undoubtedly, writing for the journals is a great lever rightly used. It establishes your reputation among your professional brethren, the true basis of professional success. But when we, as patient readers, call to mind the number of contributions on every conceivable subject that claim our time and attention; when we have to separate that which is but revamped from that which is new, the unreliable from the reliable, the premature and immature from the well-thought-out and considered article, we are too often reminded of the well-known tavern bill of Falstaff, in which stood charged "one halfpenny worth of bread to this intolerable deal of sack!" Nevertheless, young men, write! It will develop your critical acumen and your powers of accurate description, if not of observation. But beware of hasty generalization; muster your facts clearly before you, and be sure, first of all, that you know what a *fact* is before you write about it. If possible, exercise in some degree the forbearance and self-control of Louis, who observed cases of phthisis without taking part in their treatment for years, and after a time destroyed his papers, saying he had only learned to observe; then began anew that series of observations which are the basis of our knowledge of the application of the numerical method in medicine. Such labors, such books, place the authors among the immortals. And so Austin Flint's carefully matured observations of the phenomena of typhoid fever, conducted under the same severe rule, laid the foundation of that great reputation which, both as a physician and as an author, he so deservedly enjoys.

There is another phase of this question which may appear to you in after years of professional life—the duty of publishing for the benefit of the profession and the world the results of special opportunities for observation or important discoveries. I shall not dwell upon this topic, which is generally dwelt upon with much amplification by every editor. I will only mention two striking instances of loss to the world by failure of such publication. In the quiet village church of Yelminster, in Dorsetshire, a monument records that Benjamin Jesty performed vaccination in 1774, twenty-two years before Jenner's first operation. There is no reason to suppose that Jenner knew anything of Farmer Jesty or his work. Anesthesia by etherization was made known to the world by Morton in October, 1846. Yet a simple record of a similar event had been made by Dr. W. C. Long, of Jefferson, Ga., *four* years before; not in any journal, but in his ledger, thus: "*James Venable*, 1842. *Ether and excising tumor*, $2.00."

What untold suffering had been spared the world if these facts had been published by any medical man cognizant of them, at the date of their occurrence! and, in the latter case, what heartburning and unseemly controversies had been set at rest! Priority of discovery is not sufficient if not accompanied with priority of publication. Hesitation in the latter is fatal to the claims for honor due to the former.

> "He either fears his fate too much,
> Or his deserts are small,
> That dares not put it to the touch,
> To gain or lose it all."

3. Success is sometimes the result of a *miracle*. A lawyer, by a brilliant speech, bounds from obscurity into full practice. This is a miracle. The career of the celebrated Erskine is almost the solitary example among lawyers, unless that of Patrick Henry may also be so considered. A brilliant operation, with its éclat and unexpected success, leads to a subsequent career of practice. Such was the case with Liston when he settled in London. The unexpected attendance upon some prominent person, and consequent entrance into a lucrative practice—opportunities unexpectedly offered, and eagerly embraced with distinguished success—these are the miracles which sanguine young men expect to be performed in their behalf. In both professions miracles are rare. They abound only in novels. Many are more apparent than real. The sudden rise into conspicuous position may be observed, but the hard work, the steady reading and observation carried on in the quiet study or in the lowly dwellings of the poor, have been unnoticed. One whom I reckon among my friends and delight to honor, on a favorable opportunity, suddenly bounded from a very slight practice that did not pay his moderate expenses to one which yielded a large income. If this was a miracle, it was easily accounted for. The opportunity indeed came; he was ready for it. Years of quiet toil had put vast stores of medical and general knowledge into his head, and into several books of index, by which he was able, at a moment's notice, to combine all he knew upon any given subject, and to refer to the original sources of information. Follow his example, and you will be ready for a similar miracle to strike you. Neglect the means he employed so well, and no miracle can save you. Such are the men to whom may be applied Dryden's fine line:

> "For he was great ere Fortune made him so."

The fourth method alluded to by Lord Campbell is for a barrister to attend sessions, etc. In other words, he fills the lower walks of his profession creditably, and gradually rises to the higher by his increasing reputation for ability and industry. He succeeds by *drudgery*. This is the true method in both, in all professions. A good naval officer does not come in through the cabin windows. A young medical man is expected to attend the poor in country or city, by day or night, gratuitously. Boerhaave said "the poor were the best patients, for God was their paymaster"; and by diligent attendance upon them, you strengthen yourself in every way, gradually widen your practice, and at last increase your clientage of better patients in a pecuniary sense. One duty

I wish to impress upon you. Where we receive no recompense in money, we sometimes are apt to forget our obligations, both to our patients and to our own self-respect. Respect the feelings of the poor, both by the language and tone of voice in which you address them. The presence of disease is your only passport to any house. Act as a gentleman to all—to the low, to the vile even, as well as to the gentle and the rich. Judge not; you will often see the punishment of error and of sin. You cannot know the force of the temptation of your fellow-creature. Your duty is to heal, not to punish. The drudgery you must cheerfully undergo to merit success is thus well described in a few stanzas:

"To be day and night at the beck and call
Of men who cheat and women who lie;
To know how often the scoundrels live,
And see with sorrow the dear ones die:
To be laughed to scorn as a man who fails,
When Nature claims her terrible debt;
To give a mother her first-born's smile,
And leave the eyes of the husband wet;
To face and brave the gossip and stuff
That travels about through a country town;
To be thrown in the way of hysterical girls,
And live all terrible scandals down;
To study at night, in papers hear
Of new diseases and human ills;
To work like a slave for weary years,
And then to be cursed when you send your bills.

"Now just one word! Don't be too hard
On those who cannot afford to pay.
For nothing you'll cure the widow and child;
For nothing you'll watch till night turns to day
* * * * * *
You'll hear confessions, and keep them safe
As a sacred trust, like a righteous priest.
To do your duty you are not sworn,
As others must do in this world of woe:
But you'll hasten away to the beds of pain,
Through rainy days and nights of snow."

While you are performing the drudgery, you are also laying broad and deep the foundations for future success, which will follow according as you laboriously and wisely work for it. You must study hard. If you think you have learned your profession, a short time, if you are wise, will dispel that pleasing delusion. We, with our best endeavors, have only taught you how and what to learn; the rest you must do for yourselves. You will unlearn much too. The knowledge you imbibe will resemble a somewhat turbid solution, which in time will gradually settle, and perhaps crystallize in the instinctive acts of your daily professional life, or be evolved into that sagacity which intuitively perceives, decides and acts without the intermediate processes being evident—the characteristic of the true physician.

You must observe. "Don't forget to use your eyes!" At first you will be surprised to find how slight the resemblance appears to you between the diseases described by authors or by your teachers, and those seen by your opened

eyes. The one was sharply defined with well-marked limits and boundaries, distinctly divided from all others; but in nature you meet with no such correspondent realities, and you have slowly to learn how individual differences modify and obscure the type that underlies the manifestations which distract you; how that, as no two people are exactly alike, so no disease will appear exactly the same in both. You will learn how transmitted properties modify the course, progress and termination of disease. You will learn the families in which all die from slight causes, and those who survive the most terrible diseases or injuries. And in all you will learn to trace the unities of type, the diversities of the individual development.

In the commencement of professional life, remember that excellence in your professional studies, however greatly to be commended, is not all. A mere lawyer or a mere doctor is a very narrow man. Broaden your minds by other studies, if you can do so. Know at least something of the history of the country you live in; something of the lives of the good and great. Keep up your earlier scholastic studies, whether of classical literature, which purify and elevate your taste, or of mathematics, which discipline your reasoning, or of science generally, which enlarge your powers of observation and exact definition. Above all, devote some time to the study of logic. In no branch of knowledge are medical men, as a rule, so deficient. Remember, however, that henceforth these studies must be subordinated to those of your profession. Medicine is a jealous companion; and so is literature. Admit them to live on equal terms with you, each would mould you to her own ideal, and you may fare like the man mentioned in the *Spectator* with two wives, one young, one old: one pulled out his grey hairs to make him young; the other pulled out the black to give him a venerable appearance; between them both he was well shorn. So will you fare if you promote the young acquaintance to be an equal with your life-long companion. A few great exceptions, like Arbuthnot and Akenside, were successtul in literary pursuits as well as successful practitioners. Most men soon abandon one or the other.

Another temptation, very effective with some men, is public life. Little by little they are lured into the vortex of politics; sometimes from the hope of increasing practice from political connections or political prominence. Rarely are such prognostications verified. In general, I would say to young physicians, respecting politics, in the words of the student's song:

> "Beware! beware!
> Trust her not; she is fooling thee."

Still, do not mistake me. A medical man must act his part as a good citizen, and feel an interest in the progress of the country, the state, the town, the community he lives in. Politics, rightly considered, is one of the noblest of studies, but if sought to be used only for personal considerations, it becomes one of the lowest of occupations. Rarely is a physician called upon to bear an active part in political life. Yet I do not forget that the Declaration of Independence bears the honored name of that great physician, Benjamin Rush, and that our profession furnished the most conspicuous martyr to the cause of Independence in General Joseph Warren, who fell at Bunker's Hill. In thinking of the General we are apt to forget the physician, yet within the past twenty

years, two illustrious men died whose entrance into the world he professionally assisted—one, the late Josiah Quincy, Mayor of Boston, and President of Harvard University; and Lord Lyndhurst, who, born in Boston, was three times Lord Chancellor of Great Britain. Nor can I fail to remember that the great leader of the constitutional liberal party in Europe is Rudolph Virchow, no less renowned as a physician and pathologist. When you can rival Virchow in your attainments as a physician, you may do as you please as to political matters. If, however, you hesitate whether or not to enter the arena of politics, take *Punch's* advice to those doubting as to matrimony—DON'T.

Now you begin to ask, to what does all this tend? What is the success if gained; what the evidence of its attainment? One result of a long and successful medical career, recorded in an epitaph, will hardly content you:

> "Here lies Dr. Bard,
> Who filled half this churchyard."

If we compare the results of great success in our profession with those of like success in other professions, either by the pecuniary or social rewards acquired, the comparison is not in our favor. Thomas Denman and Benjamin C. Brodie were cousins; the one a leading lawyer, the other a leading surgeon, each holding in his own profession a corresponding high position. The one became Chief Justice of England and was made a peer; the other remained a commoner. If you object that the comparison is not to the purpose for us, because here titles do not mark the recognition of professional worth by society, I answer, let us test it by a pecuniary standard. Compare the fees paid to lawyers and physicians for public services; compare the uproar made about paying the claims of the medical attendants of the late President with the matter-of-course way in which the fees of the lawyers in the first Star Route trials were paid. Both failed from causes over which they had no control—in the one case to save life, in the other to gain a verdict.

So with engineers and other professions; their remuneration is much greater for services by prominent men. But, on the other hand, if other professions can point to greater prizes than ours can promise to any, however exalted, they also have more blanks. No profession affords so sure a remuneration in all respects as ours, when honestly and rightly practiced, both in an honorable though perhaps moderate support, and in securing a respectable position in society—a position dependent rather on worth than wealth, which gives us the cheerful companionship of the good and the cultivated on no unequal terms. No profession gives to the honest worker so great an opportunity of doing good, of enlarging our minds and expanding our hearts, so that the practice of our profession becomes a joy and a reward of itself and for its own sake. Above all, while in other professions intellectual gifts or special endowments may be the only requisites for success, they retain their great value in our profession, but they do not form all; they do not form the larger part of the qualifications that denote the true physician. However bright his intellectual gifts, his character, his integrity of purpose, his moral elevation, constitute his true claims to respect. It is upon these that the community rests so steadily. Gentlemen, this is the glory of our profession that true success always depends upon personal character, even more than upon professional attainments.

And so, gentlemen of the Graduating Class, if, as I have said, we cannot wish for your immunity from the common lot of man—care and trouble—we can and do heartily wish you true success in all the struggles of life—a success the more valued that it shall have been honestly earned; a success that will grow with your growth, because it will follow duties well and honorably performed. Then, and not otherwise, you will find coming to meet you true honor and happiness. As I bid you farewell, I wish for you a fair field for the exercise of your chosen vocation. I do not for one moment doubt your success. I fervently hope for you, that in every position you may occupy, high or lowly, you will so act your parts as to illustrate in your lives all the characteristics that are combined in

THE GRAND OLD NAME OF GENTLEMAN!

## GRADED COURSE.

| | |
|---|---|
| Brayshaw, Thomas H., 1st yr. G. C., Md. . | *Chemistry and Materia Medica.* |
| Martin, Isaac J., Jr., 2d yr. G. C., Md. | *Chemistry, Materia Medica, Anatomy, Diseases of Eye and Ear, Diseases of Women, and Physiology.* |
| Neblett, N. H., 2d yr. G. C., . . Va. | *Chemistry, Diseases of Nervous System, Anatomy, Diseases of Eye and Ear. Diseases of Women, and Physiology.* |
| Sproesser, Alfred, 2d yr. G. C., Mich. | *Chemistry, Materia Medica, Diseases of Nervous System, Anatomy, Diseases of Eye and Ear, Diseases of Women, and Physiology.* |
| Smith, R. J., 2d yr. G. C., . . Mich. | *Diseases of Nervous System, Anatomy, Diseases of Eye and Ear, and Diseases of Women.* |
| Siver, E. L., 2d yr. G. C., . Mich. . | *Chemistry, Anatomy, and Physiology.* |

## COLLEGE PRIZES.

| | | |
|---|---|---|
| W. R. Clark | W. Va. | Cathell Prize and 1st College Prize. |
| James A. Etheridge, Jr., | Ga. | Brown Memorial Prize and 2d College Prize. |
| George A. Strauss | Md. | Howard Memorial Prize and 3d College Prize. |
| Joseph H. White | Ga | 4th College Prize. |
| W. W. Leonard | Ohio | 5th College Prize. |
| Paul M. Carrington | Ga. | 6th College Prize. |
| Neill M. McLean | N. C. | |
| J. Rowe Bemisdarfer | Pa. | |

## TEXT-BOOKS.

*The First Named Book in Each Branch is Preferred.*

**Surgery.**—Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.

**Practice of Medicine.**—Bristowe, Niemeyer, Flint, Cohen on the Throat.

**Obstetrics** —Lusk, Playfair, Leishman, Barker on Puerperal Diseases ; Barnes on Obstetric Operations.

**Diseases of Women.**—Thomas, Emmet, Barnes, Goodell.

**Medical Jurisprudence.**—Taylor, Beck, Tanner on Poisons.

**Anatomy.**—Gray, Wilson.

**Materia Medica.**—Wood, Bartholow, Stillé, National Dispensatory, Ringer's Therapeutics.

**Physiology.**—Dalton, Martin.

**Chemistry and Toxicology.**—Attfield, Youmans, Bowman's Practical Chemistry.

**Diseases of the Eye, the Ear and the Skin.**—Nettleship on the Eye, Burnett on the Ear, Wells on the Eye, Turnbull on the Ear. Duhring, Hyde on Diseases of the Skin.

**Diseases of Children.**—Smith, West, Bouchut.

**Nervous System.**—Rosenthal, Charcot, Althaus' Medical Electricity.

**Genito-Urinary Diseases.**—Van Buren and Keys and Bumstead on Venereal Diseases, and Otis on Stricture.

*Since the publication of the last Catalogue, the Faculty have had to deplore the sad loss of their esteemed friend and able colleague,*

**Prof. Edward Lloyd Howard,**

*who died September 15th, 1881.*

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*We are pained to announce the untimely death of our friend, and former student,*

**Dr. B. F. Moore, of Tennessee,**

*who graduated in the Class of 1880–81, and received the Third College Prize.*

# 1884-5.

# ANNUAL ANNOUNCEMENT

AND

# CATALOGUE

OF THE

# College of Physicians and Surgeons,

## BALTIMORE, MD.

WITH THE

# INTRODUCTORY LECTURE TO SESSION 1883-4.

BALTIMORE:
ISAAC FRIEDENWALD, PRINTER,
103 W Fayette Street.

# COLLEGE OF PHYSICIANS AND SURGEONS.

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JOHN S. LYNCH, M. D.
*Professor of Principles and Practice of Medicine, and Clinical Professor of Chest and Throat.*

THOMAS S. LATIMER, M. D.
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M. D.
*Professor of Diseases of Women.*

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RICHARD GUNDRY, M. D.
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

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*Professor of Chemistry.*

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GEORGE H. ROHE, M. D.
*Professor Hygiene and Clinical Dermatology.*

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N. G. KEIRLE, M. D.
*Lecturer on Pathological Histology.*

WM. D. BOOKER,
*Lecturer on Physiology.*

J. H. BRANHAM, M. D.
*Lecturer on Regional Anatomy.*

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*Prof. of Principles and Practice of Dental Surgery as applied to Medicine.*

WILLOUGHBY N. SMITH, Esq.
ATTORNEY AT LAW,
*Lecturer on Medical Jurisprudence from a legal standpoint.*

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*Demonstrator of Chemistry.*

WM. T. COUNCILMAN, M. D.
*Pathologist at Bayview.*

# Annual Announcement.

## 1884.

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The College of Physicians and Surgeons was organized in 1872. It has year by year added to the size of its classes and extended its facilities, so that now it is the largest medical school that has ever been in the State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons, under the latter name, giving this school all the rights, powers and property of both institutions.

It is a standing rule of the Faculty to lay aside every session a part of the net earnings of the school, to increase its material advantages. Out of this fund, capacious and well-equipped Lecture Halls have been erected, the Maternité Hospital enlarged, the Woman's Hospital purchased, and the Physiological and Chemical Laboratories established.

The possession by the College of a General Hospital in operation, constantly filled with patients, affords students ample opportunity for bedside instruction and experience.

The Maryland Lying-in Asylum furnishes abundance of material for clinical teaching in Obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of Gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

The Physiological, Pathological and Chemical Laboratories have been fully equipped and put in practical operation.

All of the above-named institutions are owned by and are under the exclusive charge of the College of Physicians and Surgeons.

In addition to the above means of clinical instruction, the Faculty have the pleasure of announcing that the City Almshouse at Bay View has recently been opened to the students of this school. This hospital, which has one thousand beds, affords the means of illustrating

every form of disease, thus placing this school, as far as Clinical facilities are concerned, on an equality with the best equipped colleges.

The control of the above-named hospitals and dispensary enables us to confer upon the graduates of this school a number of positions as Resident Physicians, in addition to the considerable advantages offered to resident students.

The Faculty, also realizing the great importance of a practical knowledge of Pharmacy to those contemplating the practice of medicine in the country, are happy to announce that they have secured the services of John E. Hancock, Phar. D., who will give a course of practical lectures and demonstrations on Pharmacy.

The deep and continued interest of former patrons, the almost innumerable names of students who have taken our course, the activity and excellent standing of her graduates, further assure the success of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the College.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end, the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted, as the best to assist the student in traversing the vast area of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter course will begin October 1st and end March 15th, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged, and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations, the treatment of disease, and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortems, and compounding medicines—branches of considerable value, especially to those who purpose to practice medicine in the country.

The abundant material afforded by the school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Women's Hospital,

and the facilities for clinical instruction afforded at Bay View, give the best opportunity for teaching practical medicine and surgery.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W. Corner of Calvert and Saratoga Streets, No. 30 Saratoga, and No. 16 W. Lexington Streets. As the New Lecture Halls have been erected adjoining the wards of the City Hospital, which is under the same roof and connected with the Women's Hospital by a covered way, admirable facilities are afforded for clinical lecture.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily, summer and winter, and under the control of the Professor of Anatomy, assisted by two Demonstrators. Parties desiring to operate or dissect privately can readily do so.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To lower fees an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on application. Its connection with the various police-stations by telegraph and telephone enables the officials to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 700 West Lexington Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of the

department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical method adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnose presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are students made familiar with all those physiological and healthy changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber, and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth.

## GYNÆCOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided, in addition to an excellent sky-light, gas and water, with a condensing illuminator, operations upon the interior of the vagina and uterus may be performed with equal facility in cloudy as in bright weather, and witnessed by the students with great distinctness. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnose and treat all the disorders of the female generative organs.

## BAY VIEW.

The City Almshouse is situated on the eastern suburbs of Baltimore, and contains 1,000 beds. One day in each week will be devoted to clinical instruction in this Hospital.

The Board of Trustees have fitted up suitable lecture rooms in the buildings, and arrangements will be made for transporting students to and from the Hospital.

## CITY HOSPITAL DISPENSARY.

This institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P.M., to prescribe, free of charge, for such of the poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instruction in Practical Medicine and Surgery.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration of their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz.:

*Monday*—Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Professor Friedenwald.

*Tuesday*—Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Arnold. Professor Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat, and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

*Wednesday*—The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the uterine speculum, probes, tents and pessaries, are illustrated by Professor Erich.

*Thursday*—Instruction is given in the diagnosis and treatment of diseases of children, by Professor Latimer.

There will also be a clinical and didactic lecture on Genito-Urinary and Orthopedic Surgery, by Professor Bevan.

*Friday*—The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the

active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Professor Opie.

Professor Gundry delivers clinical lectures on Insanity.

Practical instruction in the diagnosis and treatment of diseases of the skin is given by Professor Rohé.

*Saturday*—Surgical clinic, by Professor Coskery.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world), by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in dentistry, of this school, who have also passed successful examinations in Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures, on passing a successful examination.

## THE PHYSIOLOGICAL AND PATHOLOGICAL LABORATORY,

recently established by the school, affords excellent opportunities for the study of Physiology and Practical Microscopy. Attendance upon this course is obligatory.

It will be under the supervision of Professor Latimer, assisted by Wm. D. Booker, M. D., Demonstrator of Physiology, and N. G. Keirle, M. D., Demonstrator of Pathology.

## THE CHEMICAL LABORATORY

is under the charge of Professor Simon, assisted by F. Rudolph Nordman, M. D., Demonstrator of Chemistry. Attendance upon this course is also obligatory.

## THE SPRING COURSE

begins on the 15th of March and ends on the 15th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation.

It is intended rather to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced

students and graduates to obtain further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty and able assistants, which are given each day between the hours of 12 M. and 2 P. M.

Students and graduates are admitted to this course on payment of the matriculation and demonstrator's fees ($15.00), which amount is credited on the fees of the next winter session.

Further advantages of the Spring course are, that students have then an opportunity for pursuing their laboratory and dissecting work, by which they curtail to this extent the labor of the winter session.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education and have passed a satisfactory examination before the Faculty.

Graduates of this School will have no difficulty in registering their diplomas in those States where it is required by law.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and, in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Nervous System, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Clinical Medicine and Diseases of Children.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of each year the student will be examined in the branches studied, and if he passes, that examination will be final; but if he fails,

the branch or branches upon which he fails will be added to the curriculum of the succeeding year, and on them he will have to stand a second examination.

The graded student can attend all the lectures if he thinks proper to do so, but, as he will only be required to prepare himself for examination on the subjects which constitute that year's curriculum, it is believed that at the end of the course he will be *better* prepared than if he had attempted to read and prepare for examination on *all* the branches during two sessions. While the Faculty, therefore, do not *require* students offering themselves to this College to adopt this graded course, they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 400,000, affords its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## MEDALS AND CERTIFICATES OF HONOR.

*The Cathell Gold Medal* is awarded by Dr. D. W. Cathell, formerly Professor of Pathology in this College, to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a gold medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The Howard Memorial Prize*—a gold medal—is also conferred by the Faculty on the candidate who stands third.

*Six Certificates of Honor* are awarded to the six graduates standing next in order of merit.

*The Bobbitt Prize*—a gold medal—is awarded to the graduate standing highest in Gynæcology.

## HOSPITAL APPOINTMENTS.

In addition to the above medals and distinctions, the Faculty have it in their power to bestow upon meritorious graduates, valuable appointments as resident hospital physicians, viz. at the City Hos-

pital, the Maternité, and the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunity for practical study and clinical practice.

The Faculty also have the right to elect annually one resident physician to Bayview, with a salary of five hundred dollars and board and lodging.

Provision has been made for the accommodation of a number of Resident Students in the City Hospital.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120.

Tickets for one or more of the branches may be taken out separately.

## SPECIAL FEE.

In order to place the facilities of this school within the reach of the qualified, yet poor young men of our country, and in conformity with the usage of the times, we receive a number of *Privileged Students*, at half the regular fees.

They are known as such only to the Dean, and are granted all the advantages the College affords.

Preceptors recommending students for special privilege will fill the blanks of the accompanying postal card, on receipt of which by the Dean, if satisfactory, a ticket of admission will be returned.

All students of this College are required to dissect each year. No charge is made for dissecting material.

*All fees, save for graduation, must be paid at the beginning of the session.*

## SUMMARY OF NECESSARY EXPENSES.

### Full Fees:

| | |
|---|---|
| College Fee, | $120 00 |
| Board, Room, Fuel, Light, &c., for 20 weeks, at $4 | 80 00 |
| Total, | $200 00 |

### Special Privilege Fees:

| | |
|---|---|
| College Fee, | $60 00 |
| Board, &c., | 80 00 |
| Total, | $140 00 |

Graduation Fee in all cases. $30.00.

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information, address,

THOMAS OPIE, M. D., DEAN,

*College of Physicians and Surgeons,*

BALTIMORE, MD.

# CLASS 1883-84.

## ALABAMA.

iley, T. W.....Dr. B. F. Kievulff.
lkum, J. A..... .....Dr. F. J. Moore.
›thers, W. P..... ...Dr. P. H. Brothers.
›ok, Jno. M..... ..... Faculty.
›llis, D. D.....Dr. R. J. Belldor.
›tice, O. S.....Dr. J. A. Goggan.
wrence, G. B.....Dr. J. P. Farrell.
›dsey, E .....Dr. J. A. Goggan.
›lton, J. C.....Dr. S. F. Shelton.
mberly, W. C.....Dr. F. I. Moody.

## ARKANSAS.

›tcher, T. M.....Dr. J. P. Fletcher.
tes, T. F.....Faculty.
kel, J. W.....Dr. W. B. Stripes.

## CANADA.

ncan, R. W. H.....Dr. J. H. Morrison.
tle, W. E. E.....Drs. Crispell & Smith.

## CONNECTICUT.

mpbell, A. J.....Dr. H. G. Varno.
appell, W. J., B.A.....Dr. Rufus Baker.
zgerald, E. M.....Dr. J. G. Wiltshire.
›nton, D. W.....Dr. J. L. Hitchcock.

## DISTRICT OF COLUMBIA

rray, H. T., M.D., D.D.S.
ait, N. A .....Faculty.
atman, H. L.....Dr. J. B. Hodgkin.

## GEORGIA.

Anderson, J. F.....Dr. S. M. Anderson.
Anderson, J. W.....Dr. T. Hackett.
Carswell, N. T.....Drs. Taylor & Brown.
Clifton, B. L.....Dr. E. W. Lane.
Derrick, W. B.....Dr. C. J. Burroughs.
Hall, J. H.....Dr. P. M. Carrington.
Hood, E. Van..Drs. Chambers & Mitchell.
Lane, B. S.....Dr. E. W. Lane.
Lane, R. F.....Dr. E. W. Lane.
Lanier, J. D.....Dr. A. B. Lanier.
Palmer, J. G.....Dr. J. W. Chambers.
Perry, T. B., B.C.S...Dr. P. M. Carrington.
Rosser, R. F.....Dr. D. B. Nesbitt.
White, J. A.....Dr. J. C. White.

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McCoy, W. P., A.B.....Dr. G. Dayton.

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Dabruly, A. S.....B. C. D. S.
Glass, A. M.....Dr. W. H. Glass.
Glass, J. H.....Dr. W. H. Glass.

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Wilson, J. J .....Facu

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Smith, R. J.....Dr. W. A. Gooda

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Wedgeworth, W. M..Dr. S. B. Wedgewor

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Southerland, G. W..... Dr. J. W. Blount.
Sweaney, J..... Dr. J. A. Wise.
Thompson, W. A..... Dr. T. B. Twitty.
Vestal, W. L..... Drs. Holcomb and Wolff.
White, J. W..... Dr. E. W. Allred.
Whitsell, G. W..... Dr. M. A. Bland.
Whittaker, R. A..... Dr. F. A. Whittaker.

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Weeks, C. T..... Dr. C. A. Black.

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McAdams, J. E.. ..... Dr. L. W. Campbell.

McCollum, R. W ..... Faculty.
McNaul, W ..... Dr. S. Z. Davis.
Mykrautz, H. B ..... Drs. Long & Riggs.
Taylor, W. R ..... Dr. D. H. Taylor.
Webb, M. W ..... Drs. Ferguson & Reed.

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Armstrong, R. A ..... Dr. F. W. Simpson.
Bachman, J. A ..... Dr. G. S. Weseman.
Baker, G. W ..... Dr. E. B. Smith.
Bateson, J. C ..... Dr. W. Leiser.
Bell, J. F ..... Dr. T. W. Meckly.
Bernhardt, Dallas ..... Dr. J. C. Peterson.
Bortz, Daniel ..... Dr. A. N. Miller.
Brace, E. A ..... Dr. G. W. Hazlett.
Bressler, F. C ..... Dr. C. W. Spayd.
Brewer, J. A ..... Dr. D. C. Kellam.
Brockbank, J. I ..... Dr. J. M. Lydie.
Brockbank, T. W ..... Dr. J. M. Lydie.
Brolert, J. A ..... Dr. S. B. Fogel.
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Colcord, J. B ..... Dr. E. S. Mattison.
Cornell, M. C ..... Dr. J. C. Wilson.
Coyle, F. ..... Dr. T. Lewis.
Craig, W. H ..... Dr. S. A. Craig.
Devoe, J. H ..... Dr. E. J. Zook.
Douman, F ..... Dr. W. C. Britton.
Duncan, J. C ..... Dr. F. W. Simpson.
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Fleming, J. F ..... Dr. J. W. Chambers.
Follmer, J. B ..... Dr. W. T. Vance.
Fretz, J. H ..... Dr. A. Cooper.
Garvey, J. B ..... Faculty.
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Libby, D ..... Facult
Maben, W. S ..... Facult
Mancher, J. V ..... Dr. J. E. Mancher & So
Manly, J. A ..... Dr. H. Hollist
Marshall, C. R., A.B ..... Facult
McCleary, W. W ..... Dr. W. K. Vankir
McGovern, M. H ..... Dr. W. D. Humphre
McGrew, F. B ..... Dr. L. D. McGre
McQuiston, J. C ..... Dr. G. Cheesema
Miller, J. S ..... Facult
Mohn, C. D ..... Dr. G. C. Moh
Oudl, J. A. Van ..... Dr. J. G. Templeto
Patton, J. M ..... Dr. J. T. Deeme
Purnicker, G ..... Facult
Quinn, W. C ..... Facult
Riegel, W. A. L ..... Dr. J. W. Shee
Rothrock, D. R ..... Dr. R. Rothroc
Sampsell, D. M ..... Dr. J. F. Kanawe
Schlicher, E. J ..... Dr. E. L. Yeag
Showalter, J. B ..... Dr. S. D. Be
Shugert, N. W ..... Prof. C. F. Beva
Slaughenhaupt, W. A ..... Dr. J. T. Rim
Smith, A. J ..... Dr. W. M. B. Gibso
Smith, J. K ..... Dr. J. N. Sprow
Smith, J. P ..... Dr. J. G. Wiltshi
Sproesser, A ..... Dr. J. H. Branha
Sutliff, Justice ..... Dr. E. L. Diefenderf
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Walter, A. P ..... Dr. S. S. Bachma
Watson, W ..... Dr. J. B. McGover
Weaver, J. D ..... Dr. J. P. Fry
Wilkinson, E. L ..... Dr. H. G. Colle
Windsor, S. J ..... Dr. T. R. Bowe
Zeigler, A. B ..... Dr. J. W. Roo

RHODE ISLAND.

Erskine, J. B ..... Dr. W. W. Hubbar
Philbrick, W. V ..... Dr. Sarole
Smith, T. J ..... Dr. L. F. C. Gorwi

RUSSIA.

Tren, Aron ..... Dr. W. Rickto

SOUTH CAROLINA.

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Briggs, D. K ..... Dr. W. C. Smit
Brown, W. E ..... Dr. J. G. Wiltshir
Caldwell, J. B ..... Dr. J. M. H. Ru
Covington, R. B ..... Dr. P. L. Hame

Henderson, P. C.....Dr. J. M. H. Ruff.
Hiers, C. M ..... .....Dr. J. P. Carter.
Hutts, A. L.....Dr. W. C. Smith.
Jennings, W. S..... .....Dr. M. G. Solly.
Robinson, J. P.....Dr. J. D. Meal.
Ross, W. H.....B. C. D. S.
Saye, J. H.....Dr. J. A. Watson.
Watson, S. P.....Dr. W. A. Olliver.

TENNESSEE.

Barton, R. W., Drs. W. B. & W. E. Rogers.
Gambrill, A. J.....Dr. E. S. Rogers.
Harrison, S. R.....Dr. N. G. Dail
Longmire, A. H.....Dr. N. G. Dail.
Moore, S. L.....Dr. J. A. Moore.

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Keidel, H. W.....Dr. R. B. Winder.
Matthews, C. O.....Dr. J. W. Chambers.
Williams, T. B.....Dr. D. C. Williams.
Yeager, C. F.....Dr. J. W. Leehorn.

VIRGINIA.

Allen, J. R.....Dr. J. W. Fugria.
Ashton, S. T.....Dr. H. D. Ashton.
Banner, L. L.....Dr. S. C. Stoddard.
Baum, O.....Dr. J. W. Gurly.
Birdsall, C. N.....Faculty.
Booton, T. L.....Dr. L. H. Keller.
Bosiner, G. S.....Dr. H. S. Pole.
Brewer, S. W. D.....Faculty.
Buck, W. W.....Dr. D. Wade.
Burner, D. F.....Dr. J. G. Wiltshire.
Clark, J. W. R.....Dr. F. Clark.
Coche, G. W.....Dr. R. T. Ramsey.
Coffman, W. H.....Drs. J. H. & A. L. Wolfe.
Comer, C. C.....Dr. P. S. Cardin.
Diedel, C. F.....Dr. C. S. Grindall.
Eubank, C. D..... .....Faculty.
Gatewood, C. H.....Dr. R. B. Winder.
Horne, A. F.....Dr. C. Alderson.
Hurst, J. C.....Dr. F. Clark.
Irwin, H. H..... Drs. Irwin and Triplett.
Kellam, B. C.....Dr. W. P. McIntosh.
Kendall, W. J.....Dr. T. L. Sweet.
Meredith, J. C..... Dr. A. Mantelli.
Millan, L. J.....Dr. N. B. Nevitt.
Morehead, P. W..... Dr. J. W. Lache.
Neblitt, N. H.....Dr. G. F. Robinson.
Nichols, F. M.....Faculty.
Ninde, F. F. ..Drs. Ninde and Carruthers.
O'Hara, R.....Dr. J. F. Spinner.
Paxton, R. H.....Faculty.
Pierce, W. J .....Dr. C. C. Campbell.
Rogers, H. M.....Dr. J. T. Clark.
Simpson, S. S.....Dr. R. T. Simpson.
Smart, S. G.....Dr. T. S. Beckwith.
Stallard, M. L.....Dr. S. C. Stallard.
Stallard, N. W.....Dr. L. L. Banner.
Strader, H. W.....Dr. C. E. Stafford.
Swarm, C. P.....Dr. C. Alderson.
Tulloss, W. R.....Dr. H. Smith.
Walker, J. T.....Dr. J. Scoll.
Wandless, H. W.....Dr. S. M. Heileman.
Wolf, T. J.....Dr. J. B. Wolf.

WEST VIRGINIA.

Atkinson, C. L. C.....Dr. D. Rosser.
Berry, J. W.....Dr. J. S. Lewis.
Campbell, W. R.....Dr. W. Shields.
Chesney, J. W.....Dr. M. R. Maloy.
Clark, A. K .....Dr. J. R. Roach.
Dailey, G. T.....Dr. R. W. Dailey.
Daniels, J. B. .....Dr. J. G. Wiltshire.
Deuley, A. B.....Faculty.
Edmiston, M., Jr.....Dr. T. G. Edmiston.
Fisher, D. S....Drs. Thomas and Carpenter.
Flowers, A. O.....Dr. C. B. Flowers.
Forman, L. H.....Dr. J. R. Arnett.
Grimm, A. S.....Dr. D. C. Smith.
Hersman, C. C.....Dr. T. G. Edmiston.
Holroyd, W. H.....Dr. J. Bee.
Jamison, J. A.....Dr. W. C. Jamison.
Johnston, J. W.....Dr. J. W. Kay Kendall.
Kidd, J. W.....Dr. J. Smith.
Lemley, E. J.....Dr. W. H. Lemley.
Love, W. P.....Dr. A. R. Barbee.
Michael, J. F.....Dr. H. W. Harr.
Nash, C. P.....Dr. G. F. Robinson.
Noel, E. E.....Dr. N. W. Noel.
Ogden, W. C.....Dr. P. B. Ogden.
Pfost, J. M.....Dr. W. W. Kidd.
Rodreick, S. S.....Dr. T. F. Lanham.
Ross, A. K.....Dr. H. M. Lash.
Smith, G. S.....Dr. G. W. Vassar.
Underwood, D. J.....Dr. W. E. Stathers.
Warren, O. Y.....Faculty.
Wyatt, Z. W.....Dr. B. B. Ogden.

WISCONSIN.

Simon, Frank.....Dr. W. P. McIntosh.

TOTAL, 414.

# Graduating Class 1883-84.

Allen, J. R.....Va.
Anderson, J. E.....N. J.
Atkeson, Clarence L. C.....W. Va.
Banner, L. L.....Va.
Barton, Robt. White.....Tenn.
Bates, Woodville.....Mo.
Battle, J. T. J.....N. C.
Berry, J. W.....W. Va.
Best, B. W.....N. C.
Briggs, David K.....S. C.
Brooks, G. C.....N. C.
Brown, William E.....S. C.
Burner, D. F.....Va.
Bush, J. C. F.....N. Y.
Byers, G. W.....Pa.
Carpenter, E. G.....Ohio.
Chambers, John Jay.....Ohio.
Chapman, W. C.....Ky.
Chesney, J. W.....W. Va.
Clayton, Charles E.....N. C.
Coffman, W. H.....Va.
Cooper, A. T.....N. C.
Cooper, F.....N. C.
Cornell, M. C.....Pa.
Cox, J. W.....Mo.
Daily, Griffin T.....W. Va.
Daniels, J. B.....W. Va.
Derby, G. A.....N. Y.
Doughton, George.....N. C.
Dunne, A. J.....Mass.
Edmiston, M., Jr.....W. Va.
Edwards, William.....N. C.
Erwin, T. G.....N. C.
Eubank, C. D.....Va.
Fisher, D. S.....W. Va.
Fitzgerald, E. M.....Ct.
Fleming, J. Frank.....Pa.
Flippin, J. M.....N. C.
Follmer, J. Brooks.....Pa.
Fowlkes, W. M.....N. C.
Futrell, M. H.....N. C.
Garvey, J. B.....Pa.
Gearhart, E. A.....Pa.
Gentry, J. M.....Pa.
Glass, J. H.....Ky.
Graham, W. R.....N. C.
Green, Albert W.....N. Y.
Green, J. E.....Ga.
Hall, C. C.....Pa.
Hall, Robert E. L.....Mo.
Harrell, W. J.....N. C.
Heilman, A. E.....Pa.
Hersman, C. C.....W. Va.
Hiers, C. M.....S. C.
Holroyd, Wm. H.....W. Va.
Hopkins, C. F.....Pa.
Horne, A. F.....Va.
Horton, E. H.....N. C.
Houck, A. F.....N. C.
Howard, C. I.....Pa.
Jameson, C. H.....La.
Jamison, J. A.....W. Va.
Jarrett, H. S.....Md.
Johnson, S. H.....N. J.
Jones, D. H.....Md.
Kellam, B. C.....Va.
Kelly, Carl M.....Pa.
Kidd, J. W.....W. Va.
Krebs, J. S.....Pa.
Laing, H. M.....Pa.
Lane, R. Y.....Ga.
Line, L. M.....Md.
Little, W. E. E.....Canada.
Loughridge, John T.....Ohio.

Love, William Preston.....W. Va.
Manley, J. A.....Pa.
March, E. J.....Ohio.
Martin, Isaac J. Jr., G. C.....Md.
Mathews, C. O.....Texas.
McCleary, W. W.....Pa.
McGovern, M.....Pa.
Morehead, P. W.....Va.
Murray, Hosea Powers.....N. C.
Nash, Charles P.....W. Va.
Neblett, Norman H., G. C.....Va.
Ninde, F. F.....Va.
Noel, E. E.....W. Va.
Nordman, F. Rudolph.....Md.
Oates, T. F.....Ark.
Palmer, J. G.....Ga.
Payzant, J. A.....Nova Scotia.
Perry, Mark P.....N. C.
Pickel, J. W.....Ark.
Pritchard, W. B.....N. C.
Pruner, W. H.....Md.
Quinn, Wallace C.....Pa.
Riddlemoser, W. T.....Md.
Riegel, W. A. L.....Pa.
Robinson, Jabez P.....S. C.
Robinson, J. S.....N. Y.
Robinson, T. E.....Md.
Rodreick, S. S.....W. Va.
Rogers, H. M.....Va.
Sampsell, D. M.....Pa.
Schlicher, E. J.....Pa.
Showalter, J. B.....Pa.
Simon, Frank.....Wis.
Slicer, J. B.....Md.
Smith, Robt. J., G. C.....Mich.
Smith, T. J.....R. I.
Sooy, R. M.....N. J.
Spalding, Jas. W.....Tex.
Sproesser, Alfred F.....Pa.
Stiger, J. D.....N. J.
Taylor, W. R.....Ohio.
Tulloss, Wm. R.....Va.
Twigg, Ashford.....Md.
Van Hood, E.....Ga.
Wachter, C. L.....Md.
Wade, J. T.....Mo.
Walsh, Fred. W.....New B.
Walter, A. P.....Pa.
Watson, S. P.....S. C.
Webb, M. W.....Ohio.
Wedgworth, W. M.....Miss.
Wyatt, Z. W.....W. Va.
Yeager, C. F.....Texas.

TOTAL, 127.

# THE QUALIFICATIONS NECESSARY

FOR THE

# SUCCESSFUL STUDY OF MEDICINE.

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**The Introductory Address before the Class at the College of Physicians and Surgeons, Baltimore.**

BY PROF. JOHN S. LYNCH, M. D.

GENTLEMEN OF THE CLASS:

In entering, as many of you are now, upon the study of the noble science of Medicine, there are three questions which should receive your most careful preliminary consideration; otherwise you may discover, after spending much time, labor and money, that you have wasted your youth in the acquisition of knowledge that is useless, and wedded yourselves to an occupation for which you have neither taste nor fitness.

These questions are:

1st. What is the nature of this science whose details you are about to attempt to master?

2d. What are your own personal qualifications and fitness to acquire and practise this science? and

3d. What are the best means which will enable you to acquire and practise it?

It is to a brief discussion of these questions that I propose to devote this hour.

The science of Medicine, like every other science, consists of an accurate knowledge of facts duly systematized. But the facts in medicine differ somewhat from those of other sciences, in that they are purely empirical. While many other branches of knowledge have been enlarged by purely inductive reasoning and scientific theorizing, no single fact in medicine can be said to have been thus discovered or established, but has only been discovered and established by long-continued and oft-repeated observation. It may then be said to be "the accumulated experience of successive generations of persons who have practised the art of medicine."

But I think I hear some of you exclaiming: What! does theory then hold no place in the true science of medicine? And are all the beautiful theories which we heard from the professor of pathology last winter mere

*brutum fulmen*, or, as the lawyers put it, *ultra vires*, and signify nothing? I answer, no. Theory or speculation is always admissible to explain facts whose causes we do not understand; or, as Humboldt expresses it, "Speculation is always admissible in the absence of accurate knowledge." And so in addition to our knowledge of empirical facts, we have many theories which have been mostly invented to explain those facts. But while our facts are solid and unchangeable, our theories are ever changing from generation to generation, as some newly discovered fact proves a former theory to be untenable. Scarcely a generation ago the medical world was about equally divided into two schools of pathology—"humoralists" and "solidists"—and the battle between these parties was hot and fierce until about twenty-five years ago, when Rudolf Virchow smashed both theories by the enunciation of his cellular pathology.

Theories in medicine, then, are not and should not be taught or accepted as absolutely true, but only conditionally so, as affording the best explanation within our reach of observed facts, and they should always be announced and accepted with this reservation. Many of the theories which are to-day accepted as true will doubtless be exploded in a subsequent age, as we have exploded many of those of our predecessors.

But you may ask, is there then no true theory of medicine? I answer, Yes, there is, there must be. But as medical science deals especially with that unknown and possibly unknowable quantity, life, we are necessarily in many cases still groping in the dark, and anxiously looking for the dawn of that purer and better light which will ultimately guide us through the intricate mazes of obscurity and doubt which still beset us. I have full faith in the ultimate mission of our noble profession, and an abiding confidence in the final success which must meet the strong minds and brave hearts that are now everywhere wrestling with the problems of life both in health and disease.

But when I tell you that many of our theories in medicine are possibly false, I must also tell you that they are sometimes so because many of the so-called medical facts upon which they are constructed are also false. Medical facts—or at least those which we are in the habit of receiving and accepting as such—differ, as I have already said, from the facts of other sciences, because they are not always susceptible of physical or mathematical demonstration. We cannot reduce them to a formula and say, as in geometry, because A is equal to B and B equals C, A and C are also equal.

To illustrate my meaning more clearly, and to show you at the same time the difficulty of establishing absolutely a medical fact, let us suppose a man comes to you suffering from a fever or a diarrhœa, or any other one of the thousands of bodily ills from which we suffer. You introduce into his stomach a certain quantity of some substance we are in the habit of using as medicine, whereupon the man recovers. Now, you cannot positively assert that the medicine cured him, because you can never prove that he would have died had he not taken it, or that he would not have gotten well if he had not taken it. But if you repeat this experiment many hundreds of times with the same unvarying result, then only you are at liberty to accept as absolutely true what was in the first instance only possibly, or at most probably so. Now the oldest and wisest of practitioners of medicine will tell you that there is scarcely a single article of our materia medica that thus acts uniformly and unfailingly in all cases; that even quinine sometimes fails to cure ague,

and occasionally syphilis is not cured or even improved by mercury. It is an unfortunate tendency of the human mind to form conclusions and even to attempt to formulate laws from imperfect and insufficient observation, and it is this that has led to so many errors and vagaries in medicine. It is this habit or tendency which gives to every old woman, and old man too, a sovereign remedy for every disease under the sun, and it was upon such observations imperfectly made and comprehended that the accomplished but shallow Hahnemann built up his preposterous system of medicine.

You will do well therefore to remember that the amount of credence to be yielded to an asserted fact in medicine depends upon the ability and credit of the observer, since it is *only* by observation, and not by demonstration, that medical facts are to be established.

With so many sources of error it is not surprising that medical science is still imperfect and that its *solid* growth has been slow.

A brief reference to its history will show you *how* slow this growth has been in the past; under what difficulties and disasters it has laboriously worked its way upward from the realm of barbarous superstition into the bright light of science; and it will also show you what have been its solid and useful achievements, and under what obligations it has placed and is still placing humanity in the past and in the present.

The earliest records of the human race prove that men, even in the first dawn of civilization, sought to find out means of relieving and curing the diseases to which they were liable. This fact is established not only in the history but even in the mythology of the Greeks, Phœnicians, Egyptians, and other ancient races. Indeed, if Darwin's theory of the descent of man be true, there probably lived at one time a race of doctors with hairy skins, pendulous tails, and long and pointed ears; and I may remark in parenthesis that the fact that an occasional specimen possessing the last of these characteristics is found even in our own day, lends great probability to the correctness of Darwin's theory.

But it is only since about 400 years before the Christian era that medicine could make any claim to be considered a rational science, at which time Hippocrates—to this day styled the father of medicine—gathered the scattered fragments of knowledge then extant, enriched them by his own acute observation, and transmitted them to prosterity in his writings. Patronized and encouraged subsequently by the Ptolemies, to one of whom is due the credit of legalizing human dissections, hitherto forbidden, the science attained a dignity and importance before unknown, and reached its highest cultivation and perfection in the celebrated school of Alexandria, which up to the time of its alleged destruction by the Mahommedans continued to be the centre of medical knowledge. To their great credit be it said, the succeeding caliphs atoned in some measure for the barbarism of their predecessor; for it should not be forgotten that, encouraged by a succession of enlightened caliphs, the Nestorians and Jews not only preserved, by translating them into Arabic, the works of Hippocrates, Areteus, Galen and Dioscorides, but also fostered medical literature by founding the College of Djondassabour and the University of Bagdad, in which were raised up such men as Rhazes, Avicenna, Albucasis, Avenzoar and Averroes, each of whom added important original contributions to medicine. And this too at a time when Christian Europe was shrouded in the gloom of popular ignorance and priestly superstition; when ecclesiasticism in medicine

ruled supreme, and diseases were cured (?) by the laying on of hands by stupid monks while mumbling prayers in barbarous Latin, by the invocation of saints or the application of their relics; and epileptics and insane persons were supposed to be possessed by devils, which were only to be exorcised by the invocation of the names of St. Peter and St. Paul, with such extraneous aid as might be derived from bell, book and candle.

The Mahommedan power broken, their great scholars no more, the patronage of the illustrious caliphs no longer enjoyed, dreary centuries of ignorance, superstition and priestcraft succeed. To the shrines of saints, crowds repaired as they had at one time to the temple of Aesculapius—the worshippers remaining, the divinity only changed.

Here was a paradise for quacks; for fetishes, said to be the relics of saints, were believed to cure every disease, and were worth a hundred times their weight in gold. As an evidence of the medical progress of these dreary centuries, it is said that for nearly fourteen hundred years Galen and Dioscorides were the only medical authorities of Europe. In the meantime, plague and pestilence, revelling in death, stalked unrebuked among the nations, and untold millions descended into premature graves.

Light at last beams upon this Cimmerian darkness, and glorious old Padua begins to shine out, a single star "glittering upon the brow of night," and soon, under the patronage of Frederick Barbarossa, becomes the acknowledged source of medical knowledge throughout the world. Succeeding German emperors continued his enlightened policy; archiators or chief physicians were appointed in every town of a certain size throughout the empire, whose duty it was to examine and license practitioners of medicine; and in a number of the principal cities medical schools were established, whose professors and lecturers were paid a regular salary by the state. And now for the first time other names besides those of Greeks and Arabians find a place in medical history. Vesalius, Fallopius, Spigelius and Sanctorius perfected at Padua those anatomical discoveries which have forever connected their names with the nomenclature of our art. Ambrose Paré laid the foundation of surgery; Servetus discovered the pulmonary circulation, which Harvey soon after supplemented with the systemic; Asellius discovered the lacteals; Malpighi demonstrated with the microscope the capillary circulation, and showed the minute anatomy of the glandular structures; Willis traced the course of the nerves and localized the functions of the brain; Von Graaf investigated the generative organs; and Ruysch, perfecting the art of injecting, pushed his investigations into minute anatomy. In a word, medical inquiry and physiological investigations were excited and sustained by able and enthusiastic minds, and medicine in Europe, redeemed from ignorant empiricism, was elevated into the dignity of a rational science and placed upon a sure philosophic foundation.

This is a brief history of the past. What are the glories of the present day, the triumphs of the 19th century? These far transcend in importance all previous advances. The last sixty years have shown more advance toward a perfect science and bestowed more boons upon suffering humanity than all the previous years of medical history and discovery.

Medical chemistry, by isolating the active principles of medicines and discovering new combinations of inorganic substances, has furnished us with nicer and more pointed weapons with which to wage warfare against disease. The discovery of quinine alone has, on the Western continent, rendered habitable

the fertile valleys and broad savannahs which, now teeming with the wealth of luxuriant harvest, would otherwise have remained the home of savage beasts alone, or have proved the charnel-house of the brave adventurers who sought to reduce it to subjection.

Anesthetics have lifted the primeval curse from woman, and deprived the surgeon's knife of all its dreaded horrors.

The operation of ovariotomy, invented by our countryman McDowell, has redeemed thousands of women from certain death; while the invention of the metallic ligature by Le Vert has enabled Sims and his followers to rescue and to restore to society and usefulness other thousands from abject wretchedness and loathsomeness by the cure of vesico and rectovaginal fistules.

Auscultation and percussion have, by opening up to us a new method of investigating diseased organs, added to man another sense; and by the application of their principles, the merest tyro of to-day can pronounce with certainty upon diseased actions that would have baffled Sydenham or Cullen in the full meridian of their powers.

The thermometer has again been called into aid in the correction of diagnosis, and by its help we can often now pronounce at once upon the nature of diseases when formerly we were compelled to wait many days for the slow, perhaps fatal development of symptoms.

The ophthalmoscope and laryngoscope have opened to our inspection, living organs never before revealed to human vision; and the treatment of those organs, thanks to the aid thus furnished, has become as exact and scientific as it was before uncertain and empirical.

The hypodermic injection of medicines has enabled us to bid defiance to a rebellious stomach, and relieved us of all doubt as to the action of our remedies.

The microscope has revealed to us the secret of many physiological processes, and brought to light the heretofore unknown causes of many pathological actions. But above all it has made possible the cellular pathology of Virchow, which has taught us how we live and grow, and how and why we are sick, and brought us very near to the real secret of diseased action. All these, with the sphygmograph, the atomization of medicines, and the improved methods of treatment with the products of chemical research, are some of the achievements of the present century, and speak in trumpet-tones the rapid strides of progressive medicine. This list of the solid advances of our science and of the obligations under which it is placing the human family, might be almost indefinitely lengthened, for every day is adding some new claim founded upon some new gift of science, some new boon conferred; but I have already said enough to redeem the boast I have made that this century has transcended all previous time in medical discoveries and advancement.

When I recall the noble aims and purposes of our glorious science; when I see its faithful votaries searching nature's arcana for truths and treasures to add to its store; when I remember the long line of brilliant names emblazoned on the pages of its history, from the sage of Cos down to its trusty sons of the present, whose names lend dignity to the science, and give assurance to the world that the accumulated wisdom of ages will receive fresh accessions from their labors; when I see its monuments in all the civilized world, its temples adding beauty and grandeur to every landscape, I feel that I can smile at all the malevolence of its enemies and—harder still to bear—all the misconstruction of its friends.

What though quackery and empiricism flourish for the hour! Why heed the puny efforts of homœopathy and its kindred delusions to direct the stream of science from its accustomed channels, or to stem the mighty current of its perennial spring and accumulated waters? True science rears its column high above the creeping things that crawl about its base. The names carved upon its monumental granite stand out as sharply as ever across the centuries, defying all the puny efforts of sciolists, isms, pathies and self-styled reformers to deface them. Their mad flight against the imposing column of true medicine but insures their destruction, as like,

> "The feeble sea birds, blinded in the storms,
> On some tall lighthouse dash their little forms,
> And the rude granite scatters for their pains
> Those small deposits that were meant for brains.
> Yet the proud fabric in the morning sun
> Shines all unconscious of the mischief done;
> Still the red beacon pours its evening rays
> For the lost pilot, with as full a blaze;
> Nay, shines all radiant o'er the scattered fleet
> Of gulls and boobies brainless at its feet."

And now let us briefly inquire what are the personal qualifications requisite to enable you to study and practice the science whose history I have briefly outlined. This is a subject of the utmost importance to you, since it will depend upon your possession of the necessary personal qualifications whether your life in the future will be a success or failure in this, your chosen profession. A quaint, but observant philosopher has said that too often in the union of men with occupations in life he was reminded of a board containing a number of holes, some of which were round and some square; and into these holes were inserted pegs—round ones into the square, and square ones into the round holes, resulting of course in a general misfit. Such an error as this inevitably results in great individual discomfort, and—what is of greater importance—a very great diminution of individual achievement in all that goes to make up the aggregate progress in the arts of civilization as well as intellectual advancement. In this way it often happens too, that one-half of many of our lives are wasted in endeavors to correct the mistake of the other half; while the great majority have neither the discernment nor ability to discover and repair sufficiently early in life the blunder into which thoughtlessness or enforcing circumstances may have driven them.

Unfortunately, the choice of a profession is far oftener determined by whim and caprice, or by the influence of parents, guardians or friends, or fortuitous circumstances, than by any clear and philosophical analysis of character or qualification. The medical profession, I am afraid, is no exception to this observation, for we certainly find many in it who have no special, or indeed ordinary adaptation to it. A cynical friend of mine once remarked to me that when a man has a son who is too stupid to be a lawyer, too lazy to become a mechanic or a farmer, and too vicious to be a priest, he made him a doctor. I sincerely hope, gentlemen, that none of you come within either of these categories.

But let us suppose that each one of you has made, or is about to make, that careful self-examination requisite to test your fitness for the noble profession upon which you are about to enter; let us inquire what are the qualities you have or should discover which fit you specially for it.

A sound mind in a sound body is of course requisite to achieve greatness in any avocation of life. It is true that some men have attained high fame in many purely intellectual pursuits with feeble bodies and imperfect physical senses. In our profession, however, this can never be accomplished, because the *practice* of medicine requires a large amount of physical labor as well as intelligent thought. And even apart from this; besides the robust physique which is essential to enable you to labor and bear up against fatigue, the intelligent and successful practice of physic is based entirely upon your power of observing and appreciating external facts and phenomena, and deducing from them those conclusions which experience and established laws have shown logically to flow from them. A physician must, therefore, not only have all his natural senses in perfection, but he must also have brains enough to reason correctly upon the facts which these senses may bring to his consciousness. A deficiency, or even any notable impairment, then, of any of these senses, will disable you *pro tanto* for the efficient discharge of your duties as physicians; and in the sharp competition with which you will meet hereafter you will assuredly be driven to the wall by the operation of Darwin's inexorable law of the survival of the fittest.

But you must not only have all your physical senses in perfection—a perfection that can only exist in connection with a sound nervous organization—you must also live so as to keep them so. You must indulge in no habits that will impair your nervous system, blunt your senses, or diminish that intellectual force that should lie behind and above these senses. An immoderate indulgence, therefore, in narcotics and stimulants is included among the circumstances which should and *do* disqualify for the study or practice of medicine, and should therefore be sedulously avoided.

But, gentlemen, there is, in addition to these, still something else that demands our consideration before we can conclude that you are properly prepared to enter upon the study of medicine. You may have a sound physical organization; possess all the senses in the highest perfection; have a good brain capable of high intellectual achievement; an emotional system not liable to sudden or causeless excitation or depression, and perfectly under the control of your will; you may be devoid of habits which are calculated to impair or in any way injure your nervous system; yet there may be wanting an important factor in preparing you for this study. This is a certain amount of acquired knowledge and intellectual culture. An honored member of our profession who has reaped abundant laurels in the fields of literature—I allude to Dr. Oliver Wendell Holmes—has asserted that the medical profession in this country is the least cultivated and most ignorant of all the learned professions; and although there are found in history the names of many individual members of our profession who have attained immortality in the highest intellectual achievements, candor compels me to admit the justice of that assertion.

A physician, gentlemen, whose duty it is to minister to the physical sufferings of mankind, has often another and—I had almost said a higher—duty to perform. He often has also to deal with the mental emotions, and to mitigate and console the moral pangs of his patients—to cheer the despondent, to encourage the weak and downhearted; to instruct the ignorant; to warn and improve the vicious, and finally to point out to the dying such hopes and consolation as he may be able to deduce from reason or extract from revelation. To do all this *well* requires a large insight into man's nature, both intellectual,

moral and emotional. He cannot do this if his own mind is steeped in boorish ignorance, or if he is deficient in a knowledge of the laws of reasoning, and, above all, that vast sum of accumulated knowledge which constitutes our professional and worldly wisdom.

But while intellectual culture is so essential to the *practice* of medicine, it is not less so to an easy and complete mastery of the science itself. To a medical student who is not already prepared by long training in the various mental processes, and, above all, if he does not have some knowledge of those languages which constituted for so many centuries the repository of all scientific knowledge, and to which scientists still repair to obtain an elegant nomenclature —the mastery of technicalities alone presents an amount of labor appalling.

Do not understand me, gentlemen, to assert that a knowledge of Latin and Greek is absolutely necessary to the study of medicine; for some of the brightest luminaries of medical science were at the beginning of their careers deficient in this and many other useful accomplishments. But there are very few, I apprehend, to whom are given the large brains and strong wills that will enable them to surmount the enormous difficulties attending such an achievement.

The technology and terminology of medical science have always been and still are derived mostly from the Greek and Latin languages; and to any one entirely ignorant of these, an ordinary medical treatise of to-day is almost as unintelligible as if written in Chinese.

Studying the theory of medicine therefore, to such an one, is like trying at one and the same time to master a science and the language in which it is written. An entire lack of this knowledge, therefore, must enormously increase the difficulties which will beset you, as well as prevent you from possessing and exhibiting that air of polish and finished culture which every physician ought to possess, and which a classical education usually bestows upon its possessor.

These then, gentlemen, briefly, are some of the qualifications for the study upon which you are about to enter; and the responsibility of deciding the question of your fitness for this study rests alone with you and your advisers—your parents, friends and medical preceptors. For I wish to say here, once for all, that I regard the clamor against medical colleges for turning out graduates, sometimes of small intellect and less culture, exceedingly unjust. It is the medical profession at large who ought, and who have the power to deal with this question, since all colleges require as a prerequisite to graduation, in addition to two full courses of lectures, a year of preliminary study. If preceptors therefore would frankly place before young men of inferior parts and acquirements the difficulties in the way of their becoming competent physicians, dissuade them from the undertaking, and failing in this, refuse to take them into their offices or aid them any way in prosecuting the undertaking, the problem would be solved at once.

There is a great deal said and writtten in our conntry at this time about the necessity for a higher education in medicine, the excessive, and as is alleged, unnecessary number of medical graduates in the United States. The number of annual graduates in some of the older and more densely populated countries of Europe is quoted in what I may call an "odious comparison." But it should be remembered that the conditions are very different in all the countries of the old world, except possibly some parts of Russia, from those

existing here. The total area of Europe is 3,627,000 square miles, with a population of 350,000,000, or about 96.5 to the square mile; while the total area of the United States exclusive of Alaska, is 3,026,494.89 miles, with a population of only 50,000,000, or 16.5 to the square mile. In a densely populated country, one physician can minister to the wants of thousands; while in a sparsely inhabited country like the United States, he can minister only to a very few hundreds, because they are so widely scattered. Judged by this criterion, I do not believe the colleges of the United States are turning out too many doctors, and I think I can safely promise every one of you—although you will probably constitute not more than one-thirtieth of the total number who will graduate in the next two years—that you will find a place in which to do your chosen work and by which you will win your bread.

In regard to the question of "higher education" too, I am afraid that our medical journals contain a good deal of twaddle and nonsense. While I advise you and all others always to aim high and to strive for the best medical education attainable, I cannot ignore the fact that there is not only room, but an absolute necessity for doctors in some parts of our vast country who have not received such a costly education—costly both in time, in labor, and in money. Let us suppose that a young man has fulfilled all the requirements of the higher education advocates; that after going through a preparatory school, he has gone to a college, and after four years of study has taken his degree of A. B. or A. M.; that he has then attended a medical school for four years more (for that is the demand), and taken the degree of M. D., and then spent two years more in attendance upon some one or more of the great hospitals of Europe or of the United States. He has now spent about sixteen years in study, at an expenditure of something like $5000 in money, and ought certainly to be thoroughly equipped for his work. But what kind of work? Is it, or can it be expected that this young man will now go and locate himself at—we will say—Brown's Cross Roads, away out in the wilds of Colorado or New Mexico, and spend his days in galloping weary miles over a rugged country, and curing cowboys and backwoodsmen of the ague and fever, or sewing up the wounds inflicted upon each other in drunken brawls? The idea is preposterous! And yet the poor people around Brown's Cross Roads need a doctor, and if they can't obtain the services of such an elaborately educated one as I have described, they will be glad to get one, and will gladly pay one who has *not* been so expensively educated, and who, after all, will, in a very few years of experience, learn to treat them perhaps as successfully as the other man. There is, then, a demand in many parts of the United States for physicians of moderate ability and inferior education, and wherever there is a demand for anything there will always be a supply. The law is as fixed as truth itself.

But I would not have you believe from this that I am in favor of an inferior and slipshod education of any kind, and least of all of a medical education; and if any of you have come here with the belief that you can get a diploma cheaply, cheap either in the pecuniary or intellectual sense, I must disabuse your minds of that error, and tell you that you have come to the wrong place.

Unquestionably, a great deal has been done and is still doing to render education more thorough in our medical schools than it was a few years ago. The number of professors has been enlarged in all schools; and far more attention is now paid to practical clinical instruction, by which alone the student can acquire the *art* as distinguished from the theory of medicine; and I am

decidedly of the opinion that the average medical graduate of to-day is more thoroughly grounded in the theory of medicine, has better opportunities for becoming acquainted with the practice, and is generally better armed for the conflict with disease and death, than was the graduate of fifteen or twenty years ago.

And now, gentlemen, a few words as to the means by which you can best attain a knowledge of this science, such a knowledge as will qualify you to take your place in the noble army of toilers, whose mission is one of strength and mercy, and whose sole aim is to relieve mankind of pain and suffering, and to prolong, as far as possible, the short space of life allotted to us upon this sphere.

You will have inferred, if you do not already know, that medicine is viewed under two aspects, that is, theoretical and practical; or, more exactly, the scientific knowledge of medicine, which includes all that has been learned by ages of experience; and the practical application of this knowledge to the curing of disease.

The first of these is to be acquired from books and oral teaching or lecturing; the other can only be learned by observation at the bedside, or, as it is commonly called, clinical or experimental teaching. By the one you may learn all that has been definitely settled or established by the labors and experience of your predecessors; by the other only can you acquire the art or knack—like that of the handicraftsman—of recognizing or diagnosing disease and applying the appropriate remedy. Without the latter you may know all that has been learned of the history of disease—of anatomy, physiology, pathology, and therapeutics—and yet be almost entirely inefficient as a practitioner; because you will be unable to recognize a disease when you see it. But with this knowledge alone you may at last attain a tolerable degree of success though totally unacquainted with text-books, and even though you have never heard of Niemeyer, Flint or Watson; just as an ignorant carpenter may learn to construct a very good house though he may never have heard of Sir Christopher Wren and knows nothing whatever of the science of architecture.

But if this be so, you may ask, What is the utility of poring over text-books and listening to lectures? Why not begin at once as a practitioner and acquire at once that practical skill which is at last the only thing that can insure your success?

The answer is plain enough. The student who begins at once as a practitioner begins just where the earliest member of the art began, and each one will have to learn over and over again for himself the same lessons of experience and at the same cost of failure and disaster, and the science of medicine would stand still. But by first learning, either by reading or lectures, the accumulated experience of the past, each succeeding generation begins where the former ended, and thus there is a continual advancement. A celebrated oculist once declared that he had ruined "a hatfull of eyes" before he perfected the operation for extraction of cataract, an operation which now—thanks to his experience—almost any surgeon can perform as well as he.

And so you too, gentlemen, may at last attain a fair degree of skill as practitioners by the experimental method alone, but you will do so at a fearful cost of human life and suffering.

Sir Thomas Watson, whose admirable system of lectures constitutes the finest contribution to medical literature in any language, treats this question in the following felicitous manner. "One man," says he, "shall travel into a foreign land, knowing nothing beforehand of its scenery or its climate, of its natural productions, its manufactures or its works of art, and ignorant alike of the manners, customs, history, laws and language of its inhabitants ; another shall visit it after having furnished his mind with information upon these subjects, by reading and by conversing with men who have already passed over the same ground. Supposing the visit to be limited in each to a certain, but not long period of time, and I need not ask your opinion as to which of these travellers will reap the greatest harvest of enjoyment and profitable knowledge from his journey."

The main object and utility, then, of text-books and systematic lectures explanatory of the principles and descriptive of the practice of medicine, is to prepare the reader or hearer for observing to the best advantage the actual phenomena of disease and the power of remedies over it. They are intended to fit him for seeing with intelligence, to enable him to read, understand and interpret the book of nature when it is laid open before him—in short, to qualify him for clinical study ; for it is only by clinical study in the hospital, or the sick chamber, and among the dying, where you can either thoroughly or safely learn the practice of medicine.

It is in medical colleges alone that both these methods of teaching are to be found blended, and where both the science and the *art* of medicine are to be acquired ; and while I neither underrate the importance of a careful study of well-selected text-books, nor depreciate the value of practice, even without the experience of instructed minds to guide you, I can assure you that it is only by a judicious combination of didactic lectures and clinical instruction that both the art and the science can be mastered quickly, pleasantly and safely.

Read your text-books then by all means, diligently and faithfully ; listen to both didactic and clinical lectures, patiently, absorbently, and understandingly ; but observe the phenomena of disease in the hospital, the clinical lecture room, or the domestic sick chamber, carefully, observantly and profitably. Do all these diligently and constantly, for the amount of success that will crown your efforts depends absolutely upon the amount of labor you perform.

And now, in conclusion, permit me to congratulate you upon your choice of a school in which you are to prosecute the studies which are to prepare you to discharge the high and honorable and holy duties of a physician. For without undue assumption, I can say that I think you will find no institution in our land which blends more judiciously the two modes of instruction I have pointed out, or that has equipped itself with more or better facilities for enabling you to learn those practical clinical lessons which I have told you are absolutely essential to enable you to understand and practise the art of medicine.

# GRADED COURSE.

Brayshaw, T. H., 2d year, G. C., . . . *Diseases Nervous System, Physiology, Anatomy.*
Carswell, N. T., 1st year, G. C., . *Chemistry, Materia Medica, Anatomy and Physiology.*
Daniels, J. S., 1st year, G. C , . . . . . *Chemistry, Materia Medica, Physiology.*
Hess, Gilbert, 2d year, G. C., *Physiology, Chemistry, Materia Medica, Diseases of Eye and Ear.*
La Forge, C., 1st year, G. C., . . . . . *Chemistry, Materia Medica, Physiology.*
Marshall, C. R., 2d year, G. C., . . *Chemistry, Physiology, Materia Medica and Anatomy.*
McNaul, W., 2d year, G. C., . { *Chemistry, Materia Medica, Nervous Diseases, Anatomy, Diseases of Eye and Ear, and Physiology.*
Philbrick, W. V., 2d year, G C., *Materia Medica, Anatomy, Diseases of Eye and Ear, Physiology.*
Sullivan, J. G., 1st year, G. C., . . . . . *Materia Medica.*
Van Geisen, W. H., 1st year, G. C., . . . . . *Chemistry and Materia Medica.*
Vees, Chas. H., 1st year, G. C., . . . . . *Chemistry and Physiology.*
Wilson, J. J., Mass., 1st year, G. C., . . . . . *Chemistry and Physiology.*

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# AWARD OF PRIZES.

1st, THE CATHELL MEDAL—By Prof. D. W. Cathell, M. D., to E. V. Hood, of Georgia.
2d, THE BROWN MEMORIAL MEDAL to David K. Briggs, of South Carolina.
3d, THE HOWARD MEMORIAL MEDAL to Robert J. Smith, of Michigan.
4th, CERTIFICATE OF HONOR, to Alfred F. Sproesser, of Pennsylvania.
5th, " " " to J. Frank Fleming, of Pennsylvania.
6th, " " " to J. T. Wade, of Missouri.
7th, " " { to C. L. Wachter, of Maryland. to Wallace C. Quinn, of Pennsylvania.
8th, " " " to S. S. Rodreick, of West Virginia.
9th, " " " to J. D. Steiger, of New Jersey.
10th, BOBBITT PRIZE, *for excellence in Gynæcology*, to E. V. Hood, of Georgia.

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# TEXT BOOKS.

*The First Named Book in Each Branch is Preferred.*

**Surgery.**—Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.
**Practice of Medicine.**—Bristowe, Niemeyer, Flint, Cohen on the Throat.
**Obstetrics.**—Lusk, Playfair, Leishman, Barker on Puerperal Diseases ; Barnes on Obstetric Operations.
**Diseases of Women.**—Thomas, Emmet, Barnes, Goodell.
**Medical Jurisprudence.**—Taylor, Beck, Tanner on Poisons.
**Anatomy.**—Gray, Wilson.
**Materia Medica.**—Wood, Bartholow, Stillé, National Dispensatory, Ringer's Therapeutics.
**Physiology.**—Dalton, Martin.
**Chemistry and Toxicology.**—Attfield, Youmans, Bowman's Practical Chemistry.
**Diseases of the Eye, the Ear and the Skin.**—Nettleship on the Eye, Burnett on the Ear, Wells on the Eye, Mittendorf on the Eye and Ear. Duhring, Hyde on Diseases of the Skin.
**Diseases of Children.**—Smith, West.
**Nervous System.**—Rosenthal, Charcot, Althaus' Medical Electricity.
**Genito-Urinary Diseases.**—Van Buren and Keys and Bumstead on Venereal Diseases, and Otis on Stricture.

## City Hospital Staff.

SURGEONS:

Prof. OSCAR J. COSKERY, M. D.
" CHAS. F. BEVAN, M. D.
Prof. A. FRIEDENWALD, M. D.
J. W. CHAMBERS, M. D.

PHYSICIANS:

Prof. JOHN S. LYNCH, M. D.
" THOS. S. LATIMER, M. D.
Prof. A. B. ARNOLD, M. D.

RESIDENT PHYSICIAN, . . . . . W. R. CLARK, M. D.
ASST. RESIDENT PHYSICIAN, . . RALPH B. WATKINS, M. D.

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## Maternité Hospital Staff.

ATTENDING OBSTETRICIAN, Prof. THOMAS OPIE, M. D.
RESIDENT PHYSICIAN, . . . W. C. CHAPMAN, M. D.
ASST. RESIDENT PHYSICIAN, F. RUDOLPH NORDMANN, M. D.

## Woman's Hospital Staff.

ATTENDING SURGEON, . . . . . Prof. A. F. ERICH, M. D.
RESIDENT PHYSICIAN, . . . . . R. S. MARTIN, M. D.

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## Bay View Staff.

SURGEONS:

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Prof. C. F. BEVAN, M. D.
J. H. BRANHAM, M. D.

PHYSICIANS:

Prof. J. S. LYNCH, M. D.
" A. B. ARNOLD, M. D.
Prof. T. S. LATIMER, M. D.
" G. H. ROHÉ, M. D.

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W. PAGE McINTOSH, M. D., . . . Resident Physician at Bay View.
WM. T. COUNCILMAN, M. D., . . . Pathologist " "

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## Physiological and Pathological Laboratory.

PROF. OF PHYSIOLOGY, . . . . . THOS. S. LATIMER, M. D.
DEMONSTRATOR OF PHYSIOLOGY, . W. D. BOOKER, M. D.
" " PATHOLOGY, . N. G. KEIRLE, M. D.
" " CHEMISTRY, . F. R. NORDMANN, M. D.

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## City Hospital Dispensary.

PHYSICIAN IN CHARGE, . . . . . N. G. KEIRLE, M. D.

# THE BALTIMORE COLLEGE OF DENTAL SURGERY.

Chartered by the Legislature of Maryland in 1839.

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

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JAMES B. HODGKIN, D. D. S., Professor of Dental Mechanism and Metallurgy.
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M. WHILLDIN FOSTER, M. D., D. D. S., Prof. of Pathology and Therapeutics.
J. H. COYLE, D. D. S., Prof. of Operative Dentistry and Dental Materia Medica.
THOMAS S. LATIMER, M. D., Professor of Physiology.
JAMES E. LINDSAY, M. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Professor of Anatomy.
OSCAR J. COSKERY, M. D., Clinical Professor of Oral Surgery.
RICHARD GUNDRY, M. D., Professor of Materia Medica.

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### DEMONSTRATORS.

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R. B. WINDER, JR., Phar. D., D. D. S., Demonstrator of Mechanical Dentistry.

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WILLIAM G. FOSTER, D. D. S.
T. G. MORROW, D. D. S.
CHAS. S. SEEBOLD, D. D. S.
G. W. WHITSETT, D. D. S.
W. A. MONTELL, D. D. S.

J. W. CHAMBERS, M. D., Demonstrator of Anatomy.
J. H. BRANHAM, M. D., Assistant Demonstrator of Anatomy.

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The Baltimore College of Dental Surgery, the first and for many years the only Dental School, offers facilities for the study of Dentistry proper, such as age and experience only can give. Its immense *museum*, complete apparatus, large and well-arranged building, and carefully-studied *curriculum*, give to its students great advantages and opportunities both theoretical and practical, while its age gives its Diploma a dignity far outranking all other Colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *College Infirmary*, a most complete, large, and handsome *Hall*, being daily filled with clean and respectable patients, of a class nearly equal to those of the average dentist. *This infirmary is open all the year*, students paying an entrance fee which is deducted from those of the regular succeeding course.

The session begi Oct. 1, closing in March. The first month is devoted mainly to Practical Dentistry—the regular lectures commencing Nov. 1. A large corps of Demonstrators, always present, put in actual practice the teachings of all lecturers on Dentistry—leaving nothing undemonstrated. *All methods are fully taught*, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D.

**TERMS OF GRADUATION.**—Attendance on two full courses of lectures in this College. As equivalent to one of these we accept *one course* in some other reputable Dental or Medical College; five years' practice, including pupilage.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular tuition fee. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee (optional), $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**PROF. R. B. WINDER, Dean,**
**No. 140 Park Avenue, Baltimore, Md.**

# THE MARYLAND LYING-IN ASYLUM,

## 161 WEST LOMBARD STREET,

## BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to W. C. CHAPMAN, M. D., House Physician.

THOMAS OPIE, M. D.
**Dean of the Faculty**

BAY VIEW ASYLUM.

1885-6.

# ANNUAL ANNOUNCEMENT

AND

# CATALOGUE

OF THE

# College of Physicians and Surgeons,

## BALTIMORE, MD.

WITH THE

# INTRODUCTORY LECTURE TO SESSION 1884-5.

BALTIMORE:
PRESS OF ISAAC FRIEDENWALD,
84, 99 and 103 W. Fayette Street.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## FACULTY OF PHYSIC.

THOMAS OPIE, M.D.
*Professor of Obstetrics, and Dean of the Faculty.*

JOHN S. LYNCH, M.D.
*Professor of Principles and Practice of Medicine, and Clinical Professor of Chest and Throat.*

THOMAS S. LATIMER, M.D.
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M.D.
*Professor of Diseases of Women.*

AARON FRIEDENWALD, M.D.
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M.D.
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M.D.
*Professor of Surgery.*

ABRAM B. ARNOLD, M.D.
*Professor of Clinical Medicine, and of Diseases of the Nervous System.*

RICHARD GUNDRY, M.D.
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

WM. SIMON, M.D., Ph.D.
*Professor of Chemistry.*

## AUXILIARY PROFESSORS AND SPECIAL LECTURERS.

GEORGE H. ROHÉ, M.D.
*Professor of Hygiene and Clinical Dermatology.*

J. W. CHAMBERS, M.D.
*Lecturer on Applied Anatomy of Nervous System.*

N. G. KEIRLE, M.D.
*Lecturer on Pathological Histology.*

WM. D. BOOKER,
*Lecturer on Physiology.*

J. H. BRANHAM, M.D.
*Lecturer on Regional Anatomy.*

R. B. WINDER, M.D., D.D.S.
*Prof. of Principles and Practice of Dental Surgery as applied to Medicine.*

WILLOUGHBY N. SMITH, Esq.
ATTORNEY-AT-LAW,
*Lecturer on Medical Jurisprudence from a legal standpoint.*

JNO. F. HANCOCK, Phar. D.
*Lecturer on Pharmacy.*

J. W. CHAMBERS, M.D.
*Demonstrator of Anatomy.*

J. H. BRANHAM, M.D.
*Assistant Demonstrator of Anatomy.*

WM. D. BOOKER, M.D.
*Demonstrator of Physiology.*

N. G. KEIRLE, M.D.
*Demonstrator of Pathology.*

W. S. GARDNER, M.D.
*Demonstrator of Chemistry.*

WM. T. COUNCILMAN, M.D.
*Pathologist at Bayview.*

# Annual Announcement.

## 1885.

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The College of Physicians and Surgeons was organized in 1872. It has year by year added to the size of its classes and extended its facilities, so that now it is the largest medical school that has ever been in this State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons under the latter name, giving this school all the rights, powers and property of both institutions.

It is a standing rule of the Faculty to lay aside every session a part of the net earnings of the school, to increase its material advantages. Out of this fund, capacious and well-equipped Lecture Halls have been erected, the Maternité Hospital enlarged, the Woman's Hospital purchased, and the Physiological and Chemical Laboratories established.

The possession by the College of a General Hospital constantly filled with patients, affords students ample opportunity for bedside instruction and experience.

The Maryland Lying-in Asylum furnishes an abundance of material for clinical teaching in Obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of Gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

The Physiological, Pathological and Chemical Laboratories have been fully equipped and put in practical operation.

All of the above-named institutions are owned by and are under the exclusive charge of the College of Physicians and Surgeons.

In addition to the above means of clinical instruction, the Faculty have the pleasure of announcing that Bay View Hospital has recently been opened to the students of this school. This hospital, which has one thousand beds, affords the means of illustrating every form of disease, thus placing this school, as far as clinical facilities are concerned, on an equality with the best equipped colleges.

The control of the above-named hospitals enables us to confer upon the graduates of this school a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The Faculty also realizing the great importance of a practical knowledge of Pharmacy to those contemplating the practice of medicine in the country, are happy to announce that they have secured the services of John F. Hancock, Phar. D., who will give a course of practical lectures and demonstrations on Pharmacy.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the College.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted as the best to assist the student in traversing the vast field of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter course will begin October 1st and end March 15th, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations,

the treatment of disease, and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations and compounding medicines —lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's Hospital, and the facilities for clinical instruction afforded at Bay View, give the best opportunity for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W Corner of Calvert and Saratoga Streets, No. 51 Saratoga and No. 161 W. Lombard Streets. As the Lecture Halls adjoin the wards of the City Hospital, under the same roof, and are connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification. Its connection with the various police-stations by telegraph and telephone enables the officials to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 161 West Lombard Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are students made familiar with all those physiological changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth.

## GYNÆCOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided with a condensing illuminator, in addition to an excellent sky-light, gas and water, operations upon the interior of the vagina and uterus may be performed with equal facility in

cloudy as in bright weather, and witnessed by the students with great distinctness. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnosticate and treat all the disorders of the female generative organs.

## BAY VIEW HOSPITAL

is situated on the eastern suburbs of Baltimore, and contains 1000 beds, exclusive of 250 in the Insane Department, which has been recently established.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it, at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of their students.

The number of deaths occurring in an institution of this size affords the fullest opportunity for witnessing post-mortem examinations and the study of pathological phenomena.

## CITY HOSPITAL DISPENSARY.

This institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instruction in Practical Medicine and Surgery.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration of their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz.:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Professor Friedenwald.

Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Arnold. Professor Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the vaginal and uterine specula, probes, tents and pessaries, are illustrated by Professor Erich.

Instruction is given in the diagnosis and treatment of diseases of children, by Professor Latimer.

There will also be clinical and didactic lectures on Genito-Urinary and Orthopedic Surgery, by Professor Bevan.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Professor Opie.

Preventive Medicine is daily claiming a larger share of the attention of the profession and the public. The College of Physicians and Surgeons is one of the first institutions in the United States to make adequate provision for the study of Hygiene. The course of instruction in this branch is systematic, practical and complete. The lectures are illustrated by diagrams, microscopical preparations and chemical demonstrations.

The practical study of Insanity receives a proper share of attention in the course. In his lectures and clinics Professor Gundry will give especial attention to the diagnosis, classification and treatment of the insane.

Surgical clinic, by Professor Coskery.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery

(the oldest Dental School in the world), by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in Dentistry, of this school, who have also attended lectures on Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures, on passing a successful examination.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily during the summer and winter sessions, and under the control of the Professor of Anatomy, assisted by two Demonstrators. Parties desiring to operate or dissect privately can readily do so.

## THE PHYSIOLOGICAL AND PATHOLOGICAL LABORATORY,

recently established by the school, affords excellent opportunities for the study of Physiology and Practical Microscopy. Attendance upon this course is obligatory.

It will be under the supervision of Professor Latimer, assisted by Wm. D. Booker, M. D., Demonstrator of Physiology, and N. G. Keirle, M. D., Demonstrator of Pathology.

## CHEMISTRY AND TOXICOLOGY.

As life itself depends to a great extent upon chemical changes taking place within the living organism, the study of Chemistry must necessarily form an important part of medical education.

The lectures delivered on Chemistry include a full consideration of all important metallic and non-metallic elements, and of those of their compounds which are either of a general interest or which have a bearing upon medical science. Organic chemistry, including physiological chemistry, urinary analysis, etc., will take up a large portion of the course.

All the fundamental principles of the science are presented from a modern standpoint, the general object being, however, to render the instruction as practically useful as possible to the medical student.

Great attention will be given to the nature of poisons, their

antidotes and the methods for detecting them; chemical incompatibilities, so often met with in unscientific prescriptions, will be pointed out. All lectures will be fully illustrated by numerous experiments.

## THE CHEMICAL LABORATORY

is under charge of Professor Simon, assisted by W. S. Gardner, M. D., Demonstrator of Chemistry. The instructions given in the laboratory during the winter session embrace a thorough and systematic course in urinary analysis, and attendance upon this course is obligatory.

During the spring session a complete course in general qualitative analysis is given, and special arrangements are made for students who desire to continue their studies beyond the scope indicated.

## THE SPRING COURSE

begins on the 15th of March and ends on the 15th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation.

It is intended rather to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to obtain further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty and able assistants, which are given each day between the hours of 12 M. and 2 P. M.

Students are admitted to this course on payment of the matriculation and demonstrator's fees ($15.00), which amount is credited on the fees of the next winter session.

Further advantages of the Spring course are, that students have then an opportunity for pursuing their laboratory and dissecting work, by which they curtail to this extent the labor of the winter session.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age,

of good moral character, have received a good English education and have passed a satisfactory examination before the Faculty.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions. .

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Nervous System, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Clinical Medicine and Diseases of Children.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of each year the student will be examined in the branches studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the succeeding year, and on them he will have to stand a second examination.

The graded student can attend all the lectures if he thinks proper to do so, but, as he will only be required to prepare himself for examination on the subjects which constitute that year's curriculum, it is believed that at the end of the course he will be *better* prepared than if he had attempted to read and prepare for examination on *all* the branches during two sessions. While the Faculty, therefore, do not *require* students offering themselves to this College to adopt this graded course, they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 400,000, affords its Medical Schools the greatest abundance and every variety of

clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

*The First College Prize*—a gold medal—is awarded to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a gold medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The Howard Memorial Prize*—a gold medal—is also conferred by the Faculty on the candidate who stands third.

*The Bobbitt Prize*—a gold medal—is awarded to the graduate standing highest in Gynæcology.

*The Nicholson Prize*—a gold medal—is presented to the graduate passing the best examination on Anatomy.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty have it in their power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz. two at the City Hospital, two at the Maternité, and one at the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical practice.

The Faculty also have the right to elect annually one resident physician to Bay View, with a salary of five hundred dollars and board and lodging.

Provision has been made for the accommodation of a number of resident students in the City Hospital.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee $5.

Tickets for one or more of the branches may be taken out separately.

## SPECIAL FEE.

In order to place the facilities of this school within the reach of the qualified yet poor young men of our country, and in conformity with the usage of the times, we receive a number of *Privileged Students.*

They are known as such only to the Dean, and are granted all the advantages the College affords. They must be recommended by their Preceptors.

Their fees will be:

| | |
|---|---|
| Professors' Fees, . . . . . | $60 00 |
| Matriculation Fee, . . . . . | 5 00 |

All students of this College are required to dissect each year. No charge is made for dissecting material.

*All fees, save for graduation, must be paid at the beginning of the session.*

## SUMMARY OF NECESSARY EXPENSES.

### Full Fees.

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| Matriculation, . . . . . | $ 5 00 |
| Lectures, . . . . . | 120 00 |
| Board, Room, Fuel, Light, &c., for 20 weeks, at $4, | 80 00 |
| Total, . . . . . | $205 00 |

### Special Privilege Fees.

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|---|---|
| Matriculation, . . . . . | $ 5 00 |
| Lectures, . . . . . | 60 00 |
| Board, &c., . . . . . | 80 00 |
| Total, . . . . . | $145 00 |

Graduation Fee in all cases, $30.00.

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon

as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information address,

THOMAS OPIE, M. D., DEAN,
*College of Physicians and Surgeons*,
BALTIMORE, MD.

# CLASS 1884-85.

## ALABAMA.

| NAME. | PRECEPTOR. |
|---|---|
| Balkum, Jas. A. | Drs. Woody & Chambers. |
| Boyd, Andy | Dr. J. H. Boyd. |
| Crook, Jno. M | Dr. J. W. Chambers. |
| Disharoon, H. B | Dr. L. Whaly. |
| Finch, J. H | Dr. Baron. |
| Hunt, H. M., Jr | Dr. H. M. Hunt. |
| Lawrence, G. B | Dr. G. D. W. Lawrence. |
| Moore, J. A | Dr. L. Whaly. |
| Spratling, W. P., Jr | Dr. L. Smith. |

## CALIFORNIA.

| | |
|---|---|
| Harris, M. P | Dr. S. M. Harris. |
| Hedrick, L | Dr. E. Q. Naghel. |

## CANADA.

| | |
|---|---|
| Duncan, R. W. H | Dr. S. V. Hoopman. |
| De Veber, Jno. W | Dr. E. Cameron. |
| Le Blanc, Chas. T. C | Dr. E. T. Gaudet. |

## COLORADO.

| | |
|---|---|
| Bryant, E. A | B. C. D. S. |
| Collison, D. W | Dr. Johnson. |

## CONNECTICUT.

| | |
|---|---|
| Campbell, Arthur J | Dr. J. W. Chambers. |
| Chappell, W. J., B.A | Dr. F. R. Nordman. |
| Keen, Ava H | Dr. N. Nickerson. |
| Miller, G. R | Dr. H. G. Howl. |

## DELAWARE.

| | |
|---|---|
| Baird, Chas. E | Dr. D. W. Maull. |

## DISTRICT OF COLUMBIA.

| | |
|---|---|
| Falls, Moore S | Dr. H. Crook. |
| Hendrickson, J. E | B. C. D. S. |

## FLORIDA.

| NAME. | PRECEPTOR. |
|---|---|
| Borton, Geo. W | B. C. D. S. |
| Burghard, A | Dr. R. B. Winder. |
| Gonzalez, S. M | Dr. R. C. White. |

## GEORGIA.

| | |
|---|---|
| Adari, E. T | Drs. Adari and Boce. |
| Anderson, J. T | Dr. T. N. Anderson. |
| Carswell, N. T | Dr. Taylor. |
| Carter, Wm. B | Dr. M. H. Rogers. |
| Clark, S. D | Drs. Bowdoin and Capers. |
| Colding, H. S | Dr. R. B. Winder. |
| Fortson, T. S | Dr. N. G. Long. |
| Green, W. J | Dr. R. B. Winder. |
| Hafer, H. H | Dr. Wm. Hafer. |
| Hill, E | Dr. W. B. Finney. |
| Johnson, H. H | Dr. T. E. Chambers. |
| Ledbetter, John | Dr. E. Y. Walker. |
| Perry, Thos. B., B. C. S | Dr. J. H. Branham. |
| Weaver, W. H | B. C. D. S. |

## GERMANY.

| | |
|---|---|
| Wolf, W | Dr. J. H. Branham. |

## ILLINOIS.

| | |
|---|---|
| Baynes, H. T | Dr. R. B. Winder. |

## INDIANA.

| | |
|---|---|
| Kleiser, A. J | Dr. Z. M. Ball. |
| McCormick, C. W | Dr. C. P. Jackson. |
| McCoy, W. T., A. B | Dr. H. C. Casebear. |

## KENTUCKY.

| | |
|---|---|
| Duncan, R. F | Dr. C. H. O. Young. |
| Hobson, B | B. C. D. S. |
| Morgan, J. C | Dr. R. B. Winder. |
| Young, C. H. O., M. D | C. P. S. |

## LOUISIANA.

| NAME. | PRECEPTOR. |
|---|---|
| Beinor, George | Dr. R. H. Carruth. |
| Ceppel, C. | Dr. R. B. Winder. |
| Gladney, J. G | Dr. G. R. McHenry. |
| Marshall, R. H. | B. C. D. S. |
| Robb, W. E | Dr. G. W. Davis. |
| Sloan, R. T. | Dr. R. C. McCullough. |

## MAINE.

| | |
|---|---|
| Brown, H. O. | Dr. Wm. McDeinstad. |
| Brown, J. E. | " " " |
| Patterson, H. J | Dr. M. W. Hall. |

## MARYLAND.

| | |
|---|---|
| Ayd, John | Faculty. |
| Barber, R. T. J | Dr. J. W. Chambers. |
| Brayshaw, T. H | Dr. T. R. Owings. |
| Cathell, Wm. T. | Dr. J. W. Chambers. |
| Earley, E. E | Dr. R. B. Winder. |
| Erich, Henry C. | Faculty. |
| Evans, Britton D | Dr. J. W. Chambers. |
| Foley, J. W | B. C. D. S. |
| Friedenwald, Harry | Prof. Friedenwald. |
| Gage, Amos L | Drs. Taylor & Andre. |
| Gough, Benj., M. D | Faculty. |
| Griffith, R. Sumter | Dr. L. A. Griffith. |
| Guyton, D. W | Dr. J. G. Wiltshire. |
| Hammett, S. B. | Dr. G. C. W. Dorsey. |
| Hassen, T. | Prof. Latimer, M. D. |
| Jones, J. J., M. D | Faculty. |
| Lang, J. F | Dr. J. H. Branham. |
| Leatherman, D. I., | Dr. M. E. Leatherman. |
| Matthews, R. M. | Faculty. |
| McAlpine, Wm. | Dr. V. McAlpine. |
| Mitchell, J. W. | Dr. R. B. Winder. |
| Payne, L. E | B. C. D. S. |
| Pickel, Jno. W | Dr. Geo. F. Taylor. |
| Proctor, F. B | Dr. E. T. Proctor. |
| Richardson, W. S. | Dr. G. A. Richardson. |
| Saunders, Joseph B. | Prof. Latimer, M. D. |
| Smith, Marshall | Dr. B. H. Smith. |
| Stonstreet, J. H | Dr. J. T. Digges. |
| Vees, C. H. | Dr. W. R. Clark. |
| Walworth, De Z | Faculty. |
| Warfield, R. C | B. C. D. S. |
| Wegeforth, W. A | Dr. A. F. Erich. |
| Welch, Wm. S | Dr. E. G. Welch. |
| Wilkerson, B. M. | Faculty. |
| Young, J. S | Dr. C. N. Schiltneck. |

## MASSACHUSETTS.

| NAME. | PRECEPTOR. |
|---|---|
| Coughlin, J. W | Dr. A. Whit |
| Lawler, Wm. P | Faculty |
| Paton, Thomas L | Dr. T. M. Durel |
| Phillips, Herbert | Dr. R. B. Winde |
| Simmons, Wm. E | Dr. J. H. Warre |
| Small, Edwin | Dr. Hutchinso |
| Wilson, J. J | Faculty |

## MISSISSIPPI.

| | |
|---|---|
| Summers, G. B | Dr. W. D. Summer |

## NEW JERSEY.

| | |
|---|---|
| Anderson, J. E | Faculty |
| Cook, R. D. | Dr. J. S. Coo |
| Davis, David, Jr | Dr. W. W. Pursel |
| Gawabrandt | Dr. J. S. Stige |
| Gieson, W. H. Van | Dr. W. Hodgso |
| Gilbert, Jas. S | Dr. T. A. Taylo |
| Harrer, Wm. J | Dr. Russel |
| La Forge, C | Dr. V. M. Disbro |
| Larison, F. W | Dr. G. W. Larison |
| Laubach, C. C | Dr. E. M. Beesle |
| Straly, S. B. | Dr. Jno. Mille |

## NEW YORK.

| | |
|---|---|
| Adsit, N. H., B. S. | Dr. D. W. Mot |
| Busch, Jno. A | Dr. S. M. War |
| Dickson, A. W | Dr. S. Hazeltin |
| Eaton, E. P | Dr. J. W. Boot |
| Flanigan, J. R. | Dr. J. W. Cob |
| Gordon, Wm. | H. C. & A. H. Getb |
| Gulliver, D. C. | Dr. A. W. Gree |
| Hall, D. M. | Dr. C. M. McDonal |
| Hall, N. F | Dr. W. A. Hal |
| Halsey, Hugh | Prof. Bevan, M. I |
| Haveur, A. M | Dr. W. H. Loomi |
| Jones, S. H. | Dr. Hoar |
| Le Fevre, A. I. | Drs. Jakway & Colegrov |
| Lindsley, N. C | Dr. H. H. Dobso |
| Maben, W. J | Dr. H. B. Mabe |
| McKinney, J. G | Dr. R. W. Whyt |
| McManus, Jas | Dr. W. H. Humphre |
| Snell, T. H | Dr. J. W. Huntingto |
| Sunderlin, R. E. | Dr. C. M. Sleepe |
| Williamson, S. C | Dr. M. D. Ellis |
| Witter, G. H | Dr. H. H. Ny |

## NORTH CAROLINA.

| NAME. | PRECEPTOR. |
|---|---|
| Ashby, T. B | Dr. Jas. Hollingsworth. |
| Ashe, E. S | Dr. E. F. Ashe. |
| Barker, G. E | Dr. E. Turlington. |
| Boyette, J. M | Faculty. |
| Bradsher, C. W | B. C. D. S. |
| Brantley, C. H | Dr. M. C. Chambler. |
| Bullock, Thos. C | Dr. W. C. McDuffy. |
| Burt, B. W | Dr. Snipes. |
| Coleman, I. J | Dr. C. K. Bradsher. |
| Cope, G. C | Dr. W. Moose. |
| Councill, J. B | Dr. E. R. Phillips. |
| Cox, L. L | Dr. J. O. Wilcox. |
| Crisp, W. B | Dr. J. C. Walton. |
| Daniel, J. S | University of Virginia. |
| Davis, C | Dr. E. W. Allred. |
| Duffy, Leinster | Dr. Chas. Duffy. |
| Edwards, J. D | Dr. W. L. Edwards. |
| Ferebee, Edwin B | Dr. H. M. Shaw. |
| Goley, W. R | Dr. W. A. Cable. |
| Gurkin, C. R | Drs. McIntosh & Branham. |
| Hancock, J. E., Jr | Dr. B. W. Queny. |
| Hardee, P. R | Dr. W. E. Turlington. |
| Harding, T. R | Dr. L. G. Hunt. |
| Hassell, J. L | Dr. A. Alexander. |
| Hester, R. L | Faculty. |
| Hicks, M. L | Dr. M. C. Chambler. |
| Holt, W. T | Dr. E. W. Allred. |
| Jenkins, J. C | Dr. T. M. Jordan. |
| Johnston, Hardy | Dr. W. J. Carman. |
| Jones, A. F | Dr. T. York. |
| Jones, M | Dr. A. W. Hamer. |
| Kernodle, G. W | Faculty. |
| Knight, J. B. H | Dr. W. C. Lankford. |
| Littleton, J. W | Dr. Huderson. |
| Lucas, Giles | Dr. A. McKoy. |
| Lyday, W. Moroe | Dr. A. J. Lyday. |
| Matthews, J. M | Dr. E. E. Benbow. |
| Maynard, A. A | Dr. J. S. Robertson. |
| McCuller, J. J | Dr. T. L. Banks. |
| Milton, W. C | Dr. J. B. Dunn. |
| Moore, F. L | Dr. W. E. Turlington. |
| Moore, J. L | Dr. J. E. Green. |
| Muns, L. A | Dr. H. C. Williams. |
| Nicholson, B. B., Jr | Dr. S. T. Nicholson. |
| Nicholson, J. T | Dr. S. T. Nicholson. |
| Nicholson, J. P | Dr. E. E. Benbow. |
| Pate, W. T | Dr. W. H. Bobbitt. |
| Person, A. G | Dr. J. E. Person. |
| Petree, A. L | Dr. J. W. King. |
| Phillips, Thos. J | Dr. M. D. Phillips. |
| Ray, Jno. L | Dr. W. P. Whittington. |
| Reeves, L. C | Faculty. |
| Rogers, J. R | Dr. A. J. Thompson. |
| Rose, E. P | Drs. Rose and Sasser. |
| Royall, M. A | Dr. C. M. Holcomb. |
| Russel, S. L | Dr. E. W. Allred. |
| Smith, G. A | Dr. T. A. Brooks. |
| Smith, J. B | Dr. Jas. Hollingsworth. |
| Southerland, G. W | Dr. J. W. Blount. |
| Thompson, W. A | Dr. T. B. Twitty. |
| Utley, B. S., M. D | Faculty. |
| Whitaker, R. A | Dr. F. A. Whitaker. |
| Wood, Geo. B | Dr. E. W. Pugh. |
| Wyche, C. D | Dr. C. T. Wyche. |
| Wynn, T. P | Dr. W. H. Pegram. |
| Young, L. B | Dr. A. R. Young. |

## NOVA SCOTIA.

| | |
|---|---|
| Hamilton, G. C | Dr. J. B. Smith. |

## OHIO.

| | |
|---|---|
| Furbay, Geo. E | Dr. H. H. Harrison. |
| Gardner, W. S | Dr. H. Scott. |
| Geisey, E. R | Dr. J. M. Wilson. |
| Hall, W. C | Drs. Miller and Bunn. |
| Holmes, A. M., A. B | Drs. McMaster and Clark. |
| Kemble, Victor S. | Drs. Long and Riggs. |
| Keyser, C. T | Dr. W. Peper. |
| Kimerer, J. R | Dr. G. P. Campbell. |
| Long, J. M | Dr. P. C. Ramsey. |
| Marks, A. D | Dr. F. C. Armstrong. |
| McFarland, W. S | Faculty. |
| McGrew, J. A | Dr. Chas. Cobb. |
| McLaughlin, W. W | Dr. Hart. |
| Oldham, Wylie E. | Dr. J. D. Cotton. |
| Ray, J. H | Dr. R. M. Steele. |
| Sproull, O. T | Dr. D. Ellison. |
| Yankey, Jas. W | Dr. J. S. Berry. |

## PENNSYLVANIA.

| | |
|---|---|
| Ankrim, L. F | Dr. J. Deaver. |
| Allen, W. J | Dr. W. H. T. Salem. |
| Ashbrook, A. L | Dr. W. T. McCary. |
| Ashbrook, R. L | Dr. J. N. Sprowls. |
| Bachman, J. A | Dr. J. T. Weseman. |

| NAME. | PRECEPTOR. |
|---|---|
| Barber, A. P | Dr. E. S. Hays. |
| Beiver, Jno. A | Dr. D. C. Keller. |
| Bell, G. F | Dr. T. W. Meckly. |
| Billeck, H. T | Faculty. |
| Bortz, D. W., M. E | Dr. A. N. Miller. |
| Bower, G. B. Mc | Dr. Martin Luther. |
| Brace, E. A | Drs. Harblett and Robbroy. |
| Bressler, F. C | Drs. C. W. Spay and J. W. Chambers. |
| Brobst, J. A | Dr. S. C. B. Fogel. |
| Brockbank, T. W | Dr. R. V. Sprekman. |
| Brown, O. S | Dr. S. W. Brown. |
| Brubaker, J. T. R | Dr. R. H. Patterson. |
| Burnhardt, Dallas | Dr. T. C. Peterson. |
| Calhoun, G. O | Dr. N. T. Calhoun. |
| Chamberlain, J. W | Dr. H. Bush. |
| Chesnutwood, Aug | Dr. A. Chesnutwood. |
| Colcord, J. B | Dr. E. S. Mattison. |
| Comfort, Ola B | Dr. R. B. Winder. |
| Connilly, J. P | Dr. G. D. Nutt. |
| Conway, C. C | Dr. S. T. Pricket. |
| Covach, R. G | Dr. R. B. Winder. |
| Crotsley, D. F | Dr. A. J. Harris. |
| Devor, J. H | Dr. E. J. Zook. |
| Dickinson, J. T | Dr. H. M. Moody. |
| Doane, L. L., A. B | Dr. T. B. Lashells. |
| Drawbaugh, J. H | Dr. J. W. Trimmer. |
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| Fennel, W. L | Dr. Jas. Fulton. |
| Foutch, Chas. R | Dr. W. H. Gardner. |
| Fretz, Jno. H | Dr. A. M. Cooper. |
| Good, J. F | Dr. J. W. Roop. |
| Gosh, D. L | Dr. W. G. Marsh. |
| Gregg, J. F | Dr. B. F. Kendall. |
| Guldin, M | Dr. A. C. L. Hottensten. |
| Hammond, C. N | Dr. W. S. Lewis. |
| Hatfield, G. W | Dr. J. Hatfield. |
| Heading, J. M | Dr. J. K. Metz. |
| Heubner, D. O | Dr. W. A. Heubner. |
| Hillis, R. J | Dr. B. Sweaney. |
| Hogue, J. H | Dr. Graham. |
| Holt, H. P | Drs. Barret and Engleman. |
| Hurd, J. T | Dr. F. D. Ritter. |
| Huster, J. T | Dr. E. G. Huster. |
| Jackson, Jno | Dr. D. Cunningham. |
| Jones, D. W | Faculty. |
| Kealer, R. S | Dr. H. Smith. |
| Keiss, D. E | Dr. M. T. Milnor. |
| Kibbe, Alonzo | Dr. M. R. Pritchart. |
| Kimble, Z. E | Dr. M. T. Milnor. |
| Kirk, T. C. Van | B. C. D. S. |
| Kirkpatrick, Edwin | Dr. H. D. Heller. |
| Knauer, J. C | Dr. D. Z. Bowman. |
| Lauck, J. D | Dr. T. J. Stevens. |
| Lauck, L. M | " " " |
| Lenker, J. W | Dr. A. J. Kautz. |
| Lindly, C. M. | Faculty. |
| Luck, D. A. | Faculty. |
| Lutz, P. A | Dr. J. M. Allen. |
| Lutz, Edgar | Dr. J. C. Fleming. |
| Mancher, Jas | Dr. J. E. Mancher & Son. |
| Martin, T. Paul | Faculty. |
| Masten, E. S | Dr. Jas. Masten. |
| McQuiston, J. C | Dr. Geo. Cheesman. |
| Mohnrann, Chas | Dr. H. Yeagley. |
| Mohn, C. L | Dr. J. F. Carswell. |
| Montgomery, E. J | Dr. G. T. MacCord. |
| Muffly, O. L | Dr. W. C. Gidding. |
| Myers, J. J | Dr. G. L. Jolly. |
| Nisbet, F. L | Faculty. |
| Orchard, C. B | Dr. T. B. Orchard. |
| Osler, E. R | Dr. S. V. Hoopman. |
| Patton, J. M | Dr. J. M. St. Clair. |
| Powney, W. M | Dr. J. R. Watson. |
| Ramsey, Philemon | Dr. L. S. Townsand. |
| Reinsel, H. T | Dr. S. C. Johnson. |
| Roberts, G. B | Dr. D. W. Moss. |
| Robinson, L. B | Dr. L. Banks. |
| Schaeffer, O. D | Dr. P. E. Steen. |
| Sehell, M. S | Dr. H. J. Laciar. |
| Schoemaker, D. E | Dr. E. J. Deshler. |
| Schrecengost, L. C | Dr. J. M. Pettigrew. |
| Seaton, Leander | Dr. M. McColley. |
| Shugert, N. W | Prof. C. F. Bevan, M. D. |
| Slangenhaupt, W. A | Dr. J. T. Rimer. |
| Smith, Alex. J | Dr. M. B. Gibson. |
| Smith, H. H | Dr. Rankin. |
| Staire, J. M | Dr. R. B. Winder. |
| Surdley, C. M | Dr. W. S. Dood. |
| Sweeney, G. B | Dr. W. W. Myers. |
| Taylor, J. M | Dr. Jas. Taylor. |
| Thompson, F. A | Dr. J. W. Lyman. |
| Valzah, R. G. Van | Dr. S. L. Van Valzah. |
| Wickert, H. J. | Dr. H. T. Wickert. |
| Wilkinson, E. L | Dr. H. G. Colley. |
| Zeigler, J. B | Dr. J. W. Roop. |

## RHODE ISLAND.

| NAME. | PRECEPTOR. |
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| Philbrick, W. V. | Faculty. |

## RUSSIA.

Finkelstein, Leopold F., "Yale Med. College."

## SOUTH CAROLINA.

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|---|---|
| Alsbrook, P. A. | Dr. J. G. Durkins. |
| Brown, W. F. | B. C. D. S. |
| Caldwell, Geo. B. | Dr. J. M. H. Ruff. |
| Cave, W. K | Faculty. |
| Cole, Jas. A | Dr. Jas. Culpeper. |
| Covington, R. B | Dr. P. L. Harner. |
| Davis, W. P | Dr. D. W. Patton. |
| Earle, C. E | Dr. M. L. Sharpe. |
| Fladger, J. M | Dr. J. W. King. |
| Hutts, A. L | Dr. W. C. Smith. |
| Jennings, W. S | Dr. M. G. Salley. |
| Langford, J. R | Dr. A. F. Langford. |
| Nettles, N. W | Drs. Miller & Nettles. |
| Richardson, C. G | Dr. A. D. Williams. |
| Saye, J. H., Jr | Dr. W. F. Strait. |
| Sheppard, L. W | Dr. W. S. Sheppard. |
| Sloan, R. T | Dr. C. M. Littlejohn. |
| St. Amand Claude, A | Dr. R. B. Winder. |
| Toole, C | Dr. B. F. Wyman. |
| Williamson, J. W | Dr. H. Williamson. |
| Wilson, H. L | Dr. W. E. Brown. |
| Youngblood, D. W | Dr. J. G. Tompkins. |

## TENNESSEE.

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| Albright, C. E | Dr. J. A. Albright. |
| Dorris, S. M | Dr. W. T. Allen. |
| Herod, J. W | Dr. S. B. Fowler. |
| Sawtell, J. E | Dr. J. A. Sisk. |
| Varnell, J. S | Dr. D. H. Lane. |
| Voorhees, J. L | Dr. Robt. Pillow. |

## TEXAS.

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|---|---|
| Adams, John H | Dr. O. C. Powell. |
| Neal, W. R. O | B. C. D. S. |
| Smith, C. D | Dr. W. H. Park. |
| Smith, R. O | Dr. J. G. Wiltshire. |

## VERMONT.

| NAME. | PRECEPTOR. |
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## VIRGINIA.

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| Anderson, J. M | B. C. D. S. |
| Baum, O | Dr. J. W. Gurly. |
| Birdsall, C. W | Dr. W. R. Clarke. |
| Bishop, Teale | Faculty. |
| Booton, Theo. L | Dr. L. H. Keller |
| Bush, W. W | Dr. D. Wade. |
| Carrington, J. M | Dr. P. J. Carrington. |
| Clark, J. W. R | Dr. F. Clark. |
| Cocke, G. W | Dr. R. T. Ramsey. |
| Colbert, O. R., D. D. S | B. C. D. S. |
| Cooke, S. G | Dr. R. T. Ellett. |
| Daniel, I. J | Faculty. |
| Dew, H. W | Dr. Hoopman. |
| Dowing, E. W. P | Dr. S. B. Dowing. |
| Dulaney, W. B | Dr. R. B. Winder. |
| Gatewood, C. H | Dr. R. B. Winder. |
| Hudson, C. C | Dr. R. R. Hudson. |
| Hurst, Jas. C | Dr. F. Clarke. |
| Irwin, H. H., A. B., | Drs. Irwin and Triplett. |
| Jones, W. Preston | Dr. J. H. Jones. |
| Kendall, W. J | Faculty. |
| Mathews, J. P | Faculty. |
| Merideth, J. C | " |
| Millan, Lyle J | Drs. Millan and Chambers. |
| Moore, Garland P | Faculty. |
| Nicks, J. R | " |
| O'Harra, Robt | Dr. J. F. Spinner. |
| Orrison, J. E | Dr. T. S. Waters. |
| Poindexter, J. D | Dr. B. M. Walker. |
| Priddy, A. S | Dr. F. J. Gregory. |
| Pritchett, C. W | Dr. L. S. Pritchett. |
| Robertson, W. S | " " " |
| Sharpe, F. C | Dr. W. H. Puner. |
| Simpson, S. S | Dr. R. J. Simpson. |
| Smart, L. Gibson | Drs. Beckwith and Branham. |
| Sprinkel, W. B | Dr. H. L. Rankin. |
| Stallard, W. W | Dr. L. L. Banner. |
| St. Clair, R. O | Dr. R. B. Winder. |
| Stiff, F. W | Dr. J. B. Hodgkin. |
| Strader, H. W | Dr. E. C. Stafford. |
| Walker, J. T | Faculty. |
| Wandless, W. H | Dr. G. H. Rohé. |
| West, Wm. B | Dr. Hunter McGuire. |
| Yancey, S. M | Dr. L. B. Yancey. |

## WEST INDIES.

| NAME. | PRECEPTOR. |
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| Colardean, Ch: E | Dr. B. H. Smith. |

## WEST VIRGINIA.

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|---|---|
| Atkinson, J. B | Faculty. |
| Barker, D. H | Dr. W. H. Brownfield. |
| Beaumont, F. P | Dr. G. L. Beaumont. |
| Buskirk, B. Van | Dr. V. R. Moss. |
| Byington, Frank D. | Dr. M. M. Mile. |
| Campbell, C. R | Dr. W. Shields. |
| Davis, J. W | Dr. J. T. Cotton. |
| Deuley, A. B | Drs. Fisher and Wiltshire. |
| Forman, L. H | Faculty |
| Garee, E. C | Dr. J. D. Dillon. |
| Grimm, A. S | Dr. D. C. Smith. |
| Haskins, M | Dr. J. N. Owen. |
| Johnston, C. A | Dr. Y. Bell. |
| Johnston, J. W | Dr. J. W. Kendall. |
| Kirk, J. B | Dr. J. C. Vernilias. |
| Koonce, Howard | Dr. W. E. Perry. |
| Lemley, A. J | Drs. Clark and Lemley. |
| McCauley, W. H | Dr. J. D. Dillon. |
| Michael, J. F | Dr. W. W. Harr. |
| Morgan, Geo. W | Dr. W. C. Kelly. |
| Patton, J. W | Dr. B. F. Irons. |
| Pfost, J. M | Dr. W. W. Kidd. |
| Pickering, W. D | Dr. J. E. Kendall. |
| Roht, S. M | Faculty. |
| Ross, A. K | Dr. H. M. Lash. |
| Rowan, P. J | Faculty. |
| Stone, S. A | Dr. Philip Burwell. |
| Stub, M | Dr. W. A. Cracraft. |
| Warren, Otey Y | Dr. J. W. Chambers. |

# GRADUATING CLASS, 1884-85.

Ashby, Thomas B. ..... N. C.
Atkinson, J. B. ..... W. Va.
Ashe, Edmund S. ..... N. C.
Anderson, J. Franklin. ..... Ga.
Bortz, Daniel W. ..... Pa.
Booton, Theodore L. ..... Va.
Bell, G. Franklin ..... Pa.
Busch, John A ..... N. Y.
Balkum, James A. ..... Ala.
Boyette, J. M ..... N. C.
Baum, Orion ..... Va.
Bullock, Thos. C ..... N. C.
Bernhardt, Dallas ..... Pa.
Birdsall, Chas. W ..... Va.
Brockbank, T. W ..... Pa.
Brayshaw, Thos. H ..... Md.
Brubaker, John F. R. ..... Pa.
Brace, Elmer A ..... Pa.
Buck, William W ..... Va.
Bressler, Frank C ..... Pa.
Barker, David Harr ..... W. Va.
Brobst, J. A ..... Pa.
Biever, J. A ..... Pa.
Billick, H. T ..... Pa.
Councill, J. B ..... N. C.
Campbell, Arthur J ..... Conn.
Crook, Jno. M ..... Ala.
Crisp, W. Beauregard ..... N. C.
Colbert, O. R. ..... Va.
Cope, Geo. C. ..... N. C.
Cave, W. Kilpatrick ..... S. C.
Covington, R. B ..... S. C.
Coleman, J. I. ..... N. C.
Campbell, Clark R ..... W. Va.
Colcord, J. B ..... Pa.
Cocke, George W. ..... Va.
Coughlin, John William ..... Mass.
Davis, J. W. ..... W. Va.
Disharoon, Henry B. ..... Ala.
Daniel, J. Sills ..... N. C.
Duncan, R. W. Hunter ..... Canada.
Deuly, A. B ..... W. Va.
Daniel, I. J. ..... Va.
Devor, J. H. ..... Pa.
Eaton, Edgar P ..... N. Y.
Evans, Britton D ..... Md.
Finkelstein, Leopold ..... Russia.
Ferebee, Edwin ..... N. C.
Falls, Moore S ..... D. C.
Forman, Lloyd H ..... W. Va.
Foutch, Charles R. ..... Pa.
Fretz, John H. ..... Pa.
Flanigan, John R ..... N. Y.
Goley, W. R ..... N. C.
Guyton, D. W ..... Md.
Gardner, William S ..... Ohio.
Grimm, A. S. ..... W. Va.
Gage, Amos L ..... Md.
George, Oscar F. ..... Vt.
Gurkin, C. Rudolph ..... N. C.
Hutto, A. Lawton ..... S. C.
Hannah, P. D. ..... W. Va.
Hurst, James C. ..... Va.
Hall, William C ..... Pa.
Harding, Thomas R. ..... N. C.
Hardee, P. R ..... N. C.
Hicks, Maltis L ..... N. C.
Hicks, J. R. ..... Va.
Holmes, A. M ..... Ohio.
Hogue, J. Herbert ..... Pa.
Hurd, Jas. T ..... Pa.
Irwin, Henry H., A.B ..... Va.
Jennings, W. S. ..... S. C.
Jones, A. Fielding ..... N. C.
Johnston, J. W ..... W. Va.
Knight, J. B. H ..... N. C.
Kealor, R. S. ..... Pa.
Kibbe, Alonzo ..... Pa.
Kimerer, John R. ..... Ohio.
Kleiser, Arthur J. ..... Ind.

Keylor, Josiah B.....Pa.
Kendall, W. J.....Va.
Langford, John R.....S. C.
Lyday, William Monroe.....N. C.
Long, J. M.....Ohio.
Littleton, John W.....N. C.
Larison, Francis W.....N. J.
Lang, J. Fred'k.....Md.
Lawrence, Geo. B.....Ala.
Lemley, A. J.....W. Va.
Lefevre, Andrew I.....N. Y.
McLoughlin, H. W.....Ohio.
McCoy, Walter T., A.B.....Ind.
Millan, Lyle J.....Va.
Michael, John F.....W. Va.
Maucher, Jos. V.....Pa.
Moore, F. T.....N. C.
Maben, William S.....N. Y.
Meredith, J. Cabell.....Va.
Moore, John A.....Ala.
McQuiston, J. C.....Pa.
Marks, A. D.....Ohio.
Maynard, A. A.....N. C.
McManus, Jas.....N. Y.
Muns, Leonard A.....N. C.
Mohn, C. Lincoln.....Pa.
Nettles, L. W.....S. C.
Nicholson, J. T.....N. C.
Nicholson, John P.....N. C.
Oldham, Wylie E.....Ohio.
O'Hara, Robert G.....Va.
Philbrick, Warren V.....R. I.
Patton, James M.....Pa.
Proctor, Frank B.....Md.
Pickel, John U.....Md.
Pfost, John M.....W. Va.
Perry, Thos. B., B. C. S.....Ga.
Person, A. G.....N. C.
Paxton, Rutherford H.....Va.
Pate, Wm. T.....N. C.
Patterson, Herbert J.....Maine.
Robertson, Wm. S.....Va.
Ray, J. H.....Ohio.
Rowan, P. J.....W. Va.
Royall, M. A.....N. C.
Ross, Addison K.....W. Va.
Snell, Franklin H.....N. Y.
Shugart, N. W.....Pa.
Slaugenhaupt, W. A.....Pa.
Strader, H. W.....Va.
Smart, L. Gibbons.....Va.
Smith, Alex. J.....Pa.
Smith, James B.....N. C.
Stallard, N. W.....Va.
Simpson, S. S.....Va.
Small, Edwin.....Mass.
Saunders, Joseph B.....Md.
Southerland, G. W.....N. C.
Sheppard, L. W.....S. C.
Saye, Joseph H.....S. C.
Stonestreet, J. Harris.....Md.
Taylor, Jos. M.....Pa.
Thompson, Ferdinand A.....Pa.
Thompson, Worth A.....N. C.
Van Valzah, R. G.....Pa.
Wilkinson, E. L.....Pa.
Wandless, H. W.....Va.
Williamson, S. C.....N. Y.
Woods, T. Ashby.....Va.
Witter, George H.....N. Y.
Warren, Otey Y.....W. Va.
Whitaker, Rom. A.....N. C.
Welch, William Sellman.....Md.
West, W. Beverly.....Va.
Zeigler, J. B.....Pa.

# INTRODUCTORY LECTURE.

By Prof. A. B. ARNOLD, M. D.

*Delivered at the opening of the regular course at the College of Physicians and Surgeons, Baltimore.*

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Gentlemen: It is a pleasing sight to witness a throng of young men eager to enter upon a course of study of profound interest and of great practical importance. Medical science deals with objects of a high order, and gives laws to an art that concerns our common humanity. It seeks to solve the mysteries of the phenomena of life, and to this end investigates the remarkable chemistry of the human organism, pries into the cunning woof of animal textures, and tries to gain an insight into the variety and complexity of vital apparatus and their normal operations. From the information thus acquired, medical science extends its researches into the changes of anatomical structures, the character and order of deranged function, and the significance of symptoms which express morbid conditions. To become acquainted with the results of such manifold and intrinsic investigations, and to learn how to utilise them in an enlightened and conscientious manner for the relief of suffering and the restoration of health, will make great demands on your natural aptitudes and talents, and strongly appeal to your resolution to give a good account of your time and opportunity.

Among the requirements for obtaining a medical education, there is one to which I would invite your particular attention on this occasion. I refer to the training of the intellect which develops the scientific mind, strengthens the logical faculty, and facilitates the comprehension of truths. Such a discipline not only favors the acquisition of knowledge in every walk of life, but in the line of study you intend to follow it is indispensable. It leads to a habit of thinking, I might say, to an intellectual dexterity which distinguishes the accomplished and skillful physician. As the healthy and systematic exercise of the young athlete gives tone, vigor and suppleness to his muscles, so the early cultivation of the powers of observation and of sound methods of reasoning prepares the mind for solid intellectual work and lends steadiness and pliancy to the mental grasp. I propose, gentlemen, to touch upon a few points in relation to this subject, and to make some practical applications in reference to clinical medicine.

Science, as defined by Bain, expresses the idea of "observing, recording and explaining the facts of the world." It has been truly said that science is not in the things but in the mind. Any department of human knowledge consists of a body of facts, doctrines and propositions, which are obtained by that course of reasoning which proceeds from the known to the unknown, from the evident to the obscure, and from the simple to the complex. The powers of the mind

which are called into requisition to this end do not differ from those which are employed in the ordinary transactions of life; but the difficulty of obtaining accurate observations increases in proportion to their variety and complexity. To disentangle the involved web of occurrences, to specialise with exactness the conditions that determine and regulate them, baffle the common ways of investigation and require improved methods.

The scientific mind encounters an infinitude of problems of which the uncultivated has no conception. To ascertain the principles that underlie apparently disconnected facts calls for patient and laborious research; constancy and perseverance in tentative efforts, a mind fruitful of suggestions, and a natural disposition to find pleasure in the pursuit of knowledge for its own sake. How inadequately the unscientific man is furnished to arrive at rational explanations of phenomena beyond the limited sphere of his experience, or which occasionally excite his wonder and curiosity, is amply demonstrated by the prevalence of popular errors and the crude and fanciful notions in relation to natural events. Coincidences are mistaken for uniformities, occult causes are conjured up to shed light upon strange occurrences, a plausible guess stands for proof, and one happy hit overbalances a hundred failures.

In consequence of the irresistible desire to know the reason of things, common to the day-laborer as well as to the savant, the most flimsy explanations are often accepted, especially when they are based on some causative agency of an imposing character. It is now the popular fashion to look upon electricity and magnetism as the common exponents of many strange phenomena. A misplaced skepticism, the very opposite of credulity, is not seldom shown in ignorance of the steps by which scientific truths are obtained. Few persons, for instance, who are not familiar with scientific methods can conceive the fact that the sensation of the different colors of light depends upon the definite number of vibrations of particles of matter. A very influential cause which counteracts the best resolves to judge of things correctly, is the struggle which almost every one experiences to abandon some favorite notion or preconceived opinion. There are perhaps few persons in the world who are entirely free from bias. It is a common observation that people will only note such facts as chime in with their way of thinking—adverse facts do either not exist for them or are considered of little value. Prof. Whewell in his History of the Inductive Sciences mentions remarkable instances of men of even powerful and cultivated intellects whose investigations were rendered barren and resulted in errors, not only for the want of clear and distinct ideas, but also an amount of some odd beliefs which hindered a proper view of scientific questions. Kepler, the forerunner of Sir Isaac Newton, believed there could be no more than seven planets because seven is the most perfect number.

I would next advert to the fact that the possibility of science rests upon our confidence in the constancy and stability of nature. If there were such a thing as chance in the world, all our knowledge and experience which control our conduct in life would be vain and idle; all the teachings of science would be miserable fallacies. The balance of the chemist demonstrates the indestructibility of matter; the relationship of mechanical power, heat, electricity and magnetism proves the persistence of force, and the predictions of astronomy testify to the continuance of motion. Now, if it be asked to what is humanity

indebted for the possession of these grand truths and the proud achievements of the intellect which are embodied in the history of modern science, it must be answered that it is the adoption of the inductive method of reasoning, which means to reason from particular to the general; to infer the existence of the unobserved from the observed; to derive more general from limited laws.

I hope, gentlemen, that this excursion into a forbidding domain will not be taken amiss. I admit that a logical formula will hardly suggest a new prescription for measles, nor propose materials for a poultice. But a moment's consideration will show the supreme importance of carrying precision and clearness into all our serious undertakings, and to obey the laws of sound reasoning, if it be at all worth while to reason. Such is the character of the intellectual outfit for original research, and I hope that future Drapers, Flints and McDowells occupy some of these benches. The same furniture of the mind is no less required by those who expect to face disease, its perplexities and disguises, who have to keep constant guard against fatal errors of judgment, and who are frequently called upon to come to a prompt decision on which the saving of life may depend.

Clinical medicine is admirably adapted by its instruction to develop the discursive faculty, and to show the way how to keep on the line of strict reasoning. It points out the manner for obtaining evidences of disease, and illustrates by actual examples the methods of recognizing and discriminating different morbid conditions, and their indications of treatment. Clinical medicine comprises, therefore, diagnosis and special therapeutics. Although diagnosis is an art, and for this reason is in a great measure dependent upon tact and judgment, which are incommunicable, yet it is not so very difficult to determine the nature of the activities which enter into the composition of these natural gifts of the mind. The first in order is the power of observation. Now how to observe is a greater accomplishment than most persons are willing to admit. There are people who find it very irksome to institute a thorough examination of an object, as if they had to overcome a vast amount of mental inertia. It is plain that the strongest efforts should be made to overcome such an unhappy disposition. Then there is the casual, superficial, slovenly mode of observing, which is just as bad. To derive all the possible advantage from an observation it must be intentional and reflective. Quickness of observation, the taking in a great number of observations in rapid succession, is particularly desirable at the bed-side; for a prolonged examination is distasteful to many patients, and wastes much of the practitioner's time. Nothing, however, can excuse a careless and slipshod manner of examining patients. This is a fruitful source of diagnostic blunders and mortification to the physician. A distended bladder is mistaken for dropsy; a tumor for pregnancy; a strangulated hernia for colic and constipation; tubercular meningitis for gastric derangement; effusion into the right pleura for enlarged liver. There is nothing more fatal to the reliability of observations than prepossessions. The medical man who pronounces nearly every functional disorder of the female hysteria, is probably himself hysterical. At the present time every patient is malarial who has not a broken neck. Vividness of perception, and an aptness to recall them promptly in memory, are gifts which can be acquired by repetition and the concentration of the attention. It is, of course, a primary condition of interpreting symptoms to be acquainted with the

manifestations of healthy functions. Beginners are liable to forget this. They practice percussion and auscultation on patients before they have become conversant with the physical signs of health.

To know what to observe is, therefore, quite as necessary as to know how to observe, precisely as we must know where to look for a thing if we expect to find it. To recognize the direction which an inquiry must take is the first step in a successful research. Of two travellers who intend to visit a foreign country, the one who is stocked with considerable knowledge of mineralogy, botany, the manufactures, the arts and general literature, is immeasurably better equipped to gather useful information than the other who lacks these accomplishments. In like manner the examination of a patient is worthless if you put random questions, and have but a confused idea of diagnostic points. It makes little difference what system you choose in your examinations, but some system is necessary or you flounder most pitifully. In serious diseases of a chronic nature, examination should be thorough; every important organ should undergo a severe scrutiny, and even slight deviations are deserving of notice.

The so-called "leading questions" amount to very little. Suppose you find a patient in fever. He will answer with a monotonous "yes" the inquiries whether he has headache, feels weak, is tired, restless, drowsy, has a bad taste in the mouth, an indifferent appetite, sleeps poorly, and so forth. But now observe the patient more closely. The accelerated pulse, joined with quick breathing, arrests your attention, and promises to give you more definite information. It strikes you that there is a decided disproportion between the pulse and respiration ratio. If you are aware what this symptom signifies, the existence of pneumonia will at once suggest itself, and, on auscultation, you will probably discover a fine crepitus or faint bronchial breathing in some portion of the lung. Being now on the right track, you are prepared to look for other well-known symptoms, which will either confirm or correct your diagnosis. Should your patient be a very young child or a person advanced in years, you will have to rely mainly on the fact of the abnormal pulse and respiration ratio, if you are called early to see the case.

This illustration points to another step in diagnosis after all the information that could possibly be gathered has been obtained. To transform symptoms into signs of disease is the most difficult task of the clinician. Symptoms are of diagnostic importance only when they divulge the precise situation and character of the lesion, or at least the organ that is affected; and when this is not attainable, afford some insight into the state of the case, so as to suggest an appropriate course of treatment. To this end it is requisite to understand the relationship which exists between certain abnormal states and their corresponding outward manifestations. This supposes a commemorative knowledge of groups of symptoms that evidence the existence of definite morbid conditions. The student acquires this knowledge from medical instruction. Around this nucleus his future experience accumulates; but in order to profit by his experience he must employ the same methods that led to the acquisition of the knowledge he has previously appropriated to himself; and this is the more necessary, as he will be constantly thrown upon his own resources at the bed-side and the consultation room. He will then fully appreciate the value of science which confers the power of applying to one

object the knowledge acquired from another. Having already mastered a large number of facts, their remote connections and interdependence, he is prepared to apply the principle of inductive reasoning wherever it is possible. In proportion that he has habituated himself to reflect on the agreement or identity of facts that come under his observation, and in proportion to the acuteness he has acquired to discover resemblances and to suggest explanations, in the same proportion obscurities will clear up, and enable him to work out a rational course of therapeutics. This brings me to the subject of theory.

There is a class of so-called practical men who will have nothing to do with theory. Facts are what they want—facts. Why, gentlemen, you cannot prescribe a common cathartic pill or a simple cough mixture without dabbling in some theory. What does theory mean? In its proper acceptation, says Stuart Mill, "it means the completed result of philosophical induction from experience," and he adds, "it constitutes the highest worth that a principle for the guidance of practice can possess." Theory, in its vulgar sense, implies "any fiction of the imagination which conceives how a thing may have been produced, without examining how it has been produced." There are sound theories and erroneous theories, just as there is good sense and nonsense. Do away with theory, and medicine is reduced to a crude empiricism. Every explanation of phenomena constitutes a theory, and because pathology affords explanations of the nature of diseases it is properly called the theory of medicine. Medical theories, in short, reflect the state of perfection of pathological knowledge.

We are sometimes tauntingly told that medical science is "very progressive," which is a fling at the fluctuations of medical theories and opinions. But medicine embraces theories which are as well sustained by facts as theories in other departments of science. The progressive tendency of all sciences is their boast and glory. There is only one thing in the world which is not progressive, and that is an idiot. It is true the recondite nature of the phenomena with which medicine deals gives little scope for arriving at complete inductions; we are therefore continually thrown back on the balancing of probabilities. But as Prof. Jevons has well said: "Probability is the necessary basis of nearly all our judgments and decisions we make in the prosecution of science or the conduct of ordinary affairs." The degree of probability is or ought to be the measure of belief. Sensible people constantly illustrate in practice the truth of this proposition in little and in big things. My neighbor prefers to bet on a horse that has a good record and many good points. The whole scientific world elevated Newton's theory of the force of gravitation to a law of nature because it possesses the highest degree of probability. Diagnosis is neither more nor less than a calculation of probabilities. Let us illustrate this truth by citing a case of sickness in which an intense pain of the chest forms the most prominent symptom. It may mean pneumonia, pleurisy, neuralgia, muscular rheumatism, aneurism, a mediastinal tumor, or a syphilitic thoracic gland. Suppose the physician locates the pain in the upper part of the chest, where he detects, on percussion, a circumscribed area of dullness. Continuing his careful examination, on applying his hand to the painful spot he experiences a soft pulsatile sensation, and he further notices stridulous inspiration. He begins to suspect the existence of an aortic aneurism, and probably his suspicion is correct. He would be unwarranted in giving a positive

opinion until the case has more fully developed, for there is some probability that the symptoms may be due to an intrathoracic tumor which exerts a pressure on one of the large arteries. The difficulties encountered in the application of the laws of probability increase in proportion to the number and complexity of the factors, and in proportion to the variability of their interaction. I need not tell you that the subjects proper to medical science bear this character in an eminent degree. But in practice, as in other concerns in life, it would be as foolish to wait for the attainment of absolute certainty as to wait on the banks of a river until all the water had passed.

One of the strongest tendencies of the human mind is to reason from analogy. Our primitive ancestors, who worshipped stocks and stones, came to their belief precisely by the same method of reasoning that scientific men of the present day adopt, though with far greater caution and skill. At first sight it seems a hazardous way of reasoning to infer from a few resemblances presented by different objects, an agreement that lies deeper than it appears; and for all that, some of the grandest discoveries in science emanated from this species of argumentation. We need not go out of the way for illustrations, as medical science furnishes many examples. For instance, the modern theory of fever was suggested by the resemblance of its clinical history to the action of a specific poison. On carrying the analogy further, in regard to the resemblance of the action of fever poisons to the behavior of low organisms which have found a fruitful soil, the hypothesis of a "living miasm" or a "contagium vivum" began to be entertained. Then, again, the identity of many febrile symptoms with nervous disturbances led to the inference that the immediate effect of the fever poison results in a neurosis. The wide range which is assigned to the therapeutical effects of many of our remedies is in compliance with analogical argument rather than with the teachings of experience. Thus, ergot was originally introduced into practice on account of its decided action on the pregnant uterus. On the supposition that the physiological effect of this drug is due to its property of exciting contractions of unstriated muscular fibres, it was inferred by a parity of reasoning that this remedy would prove beneficial in affections which are marked by a relaxed or inactive condition of such muscular fibres. Ergot is now recommended and often successfully employed in the treatment of hemorrhages, phthisical hemoptysis, bleeding piles, paralysis of the bladder, hemicrania and other disorders. The weakness of analogy on the other hand is evident from the frequent failures of hypotheses which are based on hasty generalisations. Popular fallacies of the past, and new ones that continually crop out, either result from faint analogies which are strained beyond all reason, or they betray a fondness for fantastical notions of an attractive character. Still the formation of hypotheses is indispensable to scientific research. Whenever phenomena present themselves to the contemplative mind which are disconnected or inexplicable on known principles, any hypothesis is better than none, if only to stimulate inquiry. An hypothesis is but a temporary assumption of the truth of a proposition which declares the cause of a phenomenon or an event. Its truth is proved or refuted by its deductions. It is a weak hypothesis when it only covers a few of the material facts; it is a strong hypothesis when it covers many of these facts; and if all the facts of the particular case, without exception, conform to the consequences that logically flow from the proposition implied in the hypothesis, then it acquires

the value of a true theory. An hypothesis is, therefore, not a figment of the imagination, but a tentative effort—the preliminary step in the quest of scientific truth. The first condition of a legitimate hypothesis demands that the proposed cause from which a certain body of facts is to be inferred must be suggested by the nature of any of these facts; an outside, occult or fancied principle is inadmissible. The history of the rival hypotheses in optics is exceedingly interesting and instructive. Both the emission and the undulatory hypothesis explained a number of the phenomena of light. For a long time it remained undecided which of them is the superior. At last the undulatory theory proved victorious; for, in the language of an eminent author, "it accounts for, explains, simplifies the most entangled cases; corrects known laws and facts; predicts and uncloses unknown ones; becomes the guide of its former teacher—observation; and enlightened by mechanical conceptions, acquires an insight which pierces through shape and color to force and cause."

Classification is another term denoting the recognition of similarities. When we classify objects we generalise; we mean that they possess many qualities in common; hence every common name implies a classification, and conveys the knowledge of a large number of affiliated facts. For example, the word "vertebrata" expresses a whole chapter of related facts. It characterises animals of a bilateral type, having an internal skeleton whose axis is composed of rings that enclose the nerve centres, etc., etc. The great advantage of classification consists in the facility of systematising our acquired knowledge. We continually classify the ordinary experiences of life. The classifications in science are only distinguished by their depth and scope.

There are many ways of classifying objects, for objects resemble and are related to each other in many ways. It is, however, clear that a classification which is based on the intrinsic properties or permanent features of objects is the most perfect, and for this reason a science which admits of such a principle of classification shows a high state of perfection. A classification of this character would be a natural one in contra-distinction to an artificial classification, which latter is based on some superficial resemblances, like the old Linnean system of botany. Many attempts were made from time to time in medical science to establish a natural classification of diseases, but with indifferent success. Diseases may be classified in correspondence with their morbid anatomy, or their etiology, or their symptomatology. It would be exceedingly desirable if either morbid anatomy or etiology were available for the construction of a satisfactory system of nosology. This is, however, impracticable at present, and probably yet for a long time to come. The distinctive anatomical changes of a large number of important diseases are far from being determined, and etiology is the most obscure chapter in medicine. A cursory review of the current nomenclature of diseases will disclose this fact. Thus, cerebral hemorrhage and peritonitis are names expressive of pathological changes; syphilis and malarial fever signify causative agencies; epilepsy and insanity imply conspicuous symptoms. For practical purposes it makes little difference how diseases are named. We are told that we must treat the patient, and not the name of the disease. But most of the smart sayings, this being one of them, are only partly true. It is unquestionably true that diseases are materially influenced by the age, sex, occupation, family history and other personal

peculiarities of a patient, and that treatment must be modified accordingly. On the other side, there must of necessity exist a decided similarity in the pathology and symptomatology of diseases dependent upon identical causes. It is just here where generalization comes to our aid, not only to enable us to apply the knowledge we have previously derived from the observation and study of a large number of similar cases, but we are also enabled to extend our knowledge beyond our experience—we can anticipate and predict. Newton's theory of gravitation is a large generalisation, though it only relates to the laws of motion that reign among a few planetary bodies. It has, however, received a wide extension on the reasonable supposition that it includes millions of stars; in short, that it expresses a universal law. Herschel's discovery of double stars which appear to obey the law of gravitation is a beautiful illustration of the fruitfulness of the generalising method. The phenomenon of aphasia led to the discovery of a "speech centre" in the brain. This encouraged the attempt to localise other functions of the brain, and this again led to the results of the remarkable experiments of Hitzig, Fritsch and Ferrier.

The brief analysis which I endeavored to give of induction, analogy, theory, hypothesis, classification and generalisation has no doubt impressed you with the conviction that they are but different phases of one and the same fundamental principle of reasoning, and that this is nothing else than the apprehension of similarities and differences among objects or phenomena. In our highest flights of philosophising we deal with comparison and inference. Observations which stand isolated, which cannot be grouped among others or subordinated to some known principle, are usually called empirical facts. Such facts, which cannot be explained by any theory, abound in every branch of science. Even mathematics proposes problems which cannot be solved. Chemistry swarms with inexplicable facts. Many animal substances cannot be shown to obey even the laws of combining proportions. The name of disconnected facts in physiology is legion; and lastly, in therapeutics, nearly every drug is a law to itself. The perfection of a science is therefore in inverse proportion to the number of empirical facts it contains.

In conclusion, I would like to add a few words on the subject of "authority" in the domain of science. Strictly speaking, authority, in the sense of a personal claim to dictate belief, is not acknowledged in science. Every scientific doctrine must stand upon its own merits. It cannot appeal to a higher sanction than proof or demonstration. Respect is always due to the statements of any disinterested observer, and when he is credited with capacity, and enjoys special facilities of making accurate observations, no one would hesitate to attach a high degree of authority to his recorded experience. But it should never be forgotten that established facts, well-grounded theories, and the uniform teachings of experience, vindicate their own authority. Obedience to the true methods of interrogating nature is the first condition to learn her ways, and to make her serviceable to man, in the same manner as submission to the immutable laws of virtue and of duty is the only safe rule of conduct. The consciousness of these principles of our intellectual and moral being evokes the thought that "we are working under the guidance of a Higher Power."

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11th, BOBBITT PRIZE, a Gold Medal, to A. Lawton Hutto, of South Carolina.

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*Professor of Principles and Practice of Medicine, and Clinical Professor of Chest and Throat.*

THOMAS S. LATIMER, M. D.
*Professor of Physiology and Diseases of Children.*

AUGUSTUS F. ERICH, M. D.
*Professor of Diseases of Women.*

AARON FRIEDENWALD, M. D.
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M. D.
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.
*Professor of Clinical Medicine, and of Diseases of the Nervous System.*

RICHARD GUNDRY, M. D.
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

WM. SIMON, M. D., Ph. D.
*Professor of Chemistry.*

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GEORGE H. ROHÉ, M. D.
*Professor of Hygiene and Clinical Dermatology.*

J. W. CHAMBERS, M. D.
*Demonstrator of Anatomy and Lecturer on Applied Anatomy of Nervous System.*

N. G. KEIRLE, M. D.
*Demonstrator of Pathology and Lecturer on Pathological Histology.*

WM. D. BOOKER,
*Demonstrator and Lecturer on Physiology.*

J. H. BRANHAM, M. D.
*Assistant Demonstrator of Anatomy and Lecturer on Regional Anatomy.*

R. B. WINDER, M. D., D. D. S.
*Prof. of Principles and Practice of Dental Surgery as applied to Medicine.*

JNO. F. HANCOCK, Phar. D.
*Lecturer on Pharmacy.*

WM. T. COUNCILMAN, M. D.
*Lecturer on Pathology and Pathologist at Bay View.*

CHAS. W. PRITCHETT, M. D.
*Demonstrator of Chemistry.*

# Annual Announcement

# 1886.

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The College of Physicians and Surgeons was organized in 1872. It has year by year added to the size of its classes and extended its facilities, so that now it is the largest medical school that has ever been in this State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons under the latter name, giving this school all the rights, powers and property of both institutions.

The possession by the College of a General Hospital constantly filled with patients, affords students ample opportunity for instruction and experience.

The Maryland Lying-in Asylum furnishes an abundance of material for clinical teaching in Obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of Gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

The Physiological, Pathological and Chemical Laboratories have been fully equipped and put in practical operation.

All of the above-named institutions are owned by and are under the exclusive charge of the College of Physicians and Surgeons.

In addition to the above means of clinical instruction, the Faculty have the pleasure of announcing that Bay View Hospital has been opened to the students of this school. This hospital, which has twelve hundred and fifty beds, affords the means of illustrating every form of disease, thus placing this school, as far as clinical facilities are concerned, on an equality with the best equipped colleges.

The control of the above-named hospitals enables the Faculty to confer upon the graduates of this school a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The Faculty also realizing the great importance of a practical knowledge of Pharmacy to those contemplating the practice of medicine in the country, are happy to announce that they have secured the services of John F. Hancock, Phar. D., who will give a course of practical lectures and demonstrations on Pharmacy.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the College.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted as the best to assist the student in traversing the vast field of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter course will begin October 1st and end March 15th, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations,

the treatment of disease, and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations and compounding medicines —lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's Hospital, and the facilities for clinical instruction afforded at Bay View, give the best opportunity for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W Corner of Calvert and Saratoga Streets, No. 51 Saratoga and No. 161 W. Lombard Streets. As the Lecture Halls adjoin the wards of the City Hospital, under the same roof, and are connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification. Its connection with the various police-stations by telegraph and telephone enables the officials to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 161 West Lombard Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are students made familiar with all those physiological changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth.

## GYNÆCOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided with a condensing illuminator, in addition to an excellent sky-light, gas and water, operations upon the interior of the vagina and uterus may be performed with equal facility in

cloudy as in bright weather, and witnessed by the students with great distinctness. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnosticate and treat all the disorders of the female generative organs.

## BAY VIEW HOSPITAL

is situated on the eastern suburbs of Baltimore, and contains 1000 beds, exclusive of 250 in the Insane Department, which has been recently established.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it, at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of their students.

The number of deaths occurring in an institution of this size affords the fullest opportunity for witnessing post-mortem examinations and the study of pathological phenomena.

## CITY HOSPITAL DISPENSARY.

This institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instruction in Practical Medicine and Surgery.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration of their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz.:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Professor Friedenwald.

Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Arnold. Professor Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the vaginal and uterine specula, probes, tents and pessaries, are illustrated by Professor Erich.

Instruction is given in the diagnosis and treatment of diseases of children, by Professor Latimer.

There will also be clinical and didactic lectures on Genito-Urinary and Orthopedic Surgery, by Professor Bevan.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Professor Opie.

Preventive Medicine is daily claiming a larger share of the attention of the profession and the public. The College of Physicians and Surgeons is one of the first institutions in the United States to make adequate provision for the study of Hygiene. The course of instruction in this branch is systematic, practical and complete. The lectures are illustrated by diagrams, microscopical preparations and chemical demonstrations.

Professor Rohé also gives instruction in the diagnosis and treatment of skin diseases. The didactic lectures on this branch are fully illustrated by colored plates and photographs from nature, while all the commoner forms of this troublesome class of diseases are presented in the clinic. The students are required to make the diagnosis and suggest treatment in cases brought before them.

The practical study of Insanity receives a proper share of attention in the course. In his lectures and clinics Professor Gundry will give especial attention to the diagnosis, classification and treatment of the insane.

Surgical clinic, by Professor Coskery.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in Dentistry of this school, who have also attended lectures on Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures and passing a successful examination.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily during the summer and winter sessions, and under the control of the Professor of Anatomy, assisted by two Demonstrators. Parties desiring to operate or dissect privately can readily do so.

**THE PHYSIOLOGICAL AND PATHOLOGICAL LABORATORY,** recently established by the school, affords excellent opportunities for the study of Physiology and Practical Microscopy. Attendance upon this course is obligatory.

It will be under the supervision of Professor Latimer, assisted by Wm. D. Booker, M. D., Demonstrator of Physiology, and N. G. Keirle, M. D., Demonstrator of Pathology.

Didactic lectures on Pathology will also be delivered by Drs. N. G. Keirle and W. T. Councilman.

## CHEMISTRY AND TOXICOLOGY.

As life itself depends to a great extent upon chemical changes taking place within the living organism, the study of Chemistry must necessarily form an important part of medical education.

The lectures delivered on Chemistry include a full consideration of all important metallic and non-metallic elements, and of those of their compounds which are either of a general interest or which have a bearing upon medical science. Organic chemistry, including physiological chemistry, urinary analysis, etc., will take up a large portion of the course.

All the fundamental principles of the science are presented from a modern standpoint, the general object being, however, to render the instructions as practically useful as possible to the medical student.

Much attention will be given to the nature of poisons, their antidotes and the methods for detecting them. Chemical incompatibilities, so often met with in unscientific prescriptions, will be pointed out. All lectures will be fully illustrated by numerous experiments.

## THE CHEMICAL LABORATORY

is under charge of Professor Simon, assisted by Charles W. Pritchett, M. D., Demonstrator of Chemistry. The instructions given in the laboratory during the winter session embrace a thorough and systematic course in urinary analysis, and attendance upon this course is obligatory.

During the spring session a complete course in general qualitative analysis is given, and special arrangements are made for students who desire to continue their studies beyond the scope indicated.

## THE SPRING COURSE

begins on the 16th of March and ends on the 16th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation; it is rather intended to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to obtain further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty and able assistants, which are given each day between the hours of 12 M. and 2 P. M.

Students are admitted to this course on payment of the matriculation and demonstrator's fees ($15.00), which amount is credited on the fees of the next winter session.

Further advantages of the Spring course are, that students have then an opportunity for pursuing their laboratory and dissecting work, by which they curtail to this extent the labor of the winter session.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age,

of good moral character, have received a good English education and have passed a satisfactory examination before the Faculty.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of the second year the student will be examined in the branches he has studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the last year.

The Faculty do not *require* students offering themselves to this College to adopt this graded course, but they strongly advise them to do so, as they believe that by doing so the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of over 400,000, affords its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

*The First College Prize*—a gold medal—is awarded to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a gold medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The Howard Memorial Prize*—a gold medal—is also conferred by the Faculty on the candidate who stands third.

*The Bobbitt Prize*—a gold medal—is awarded to the graduate standing highest in Gynæcology.

*The Nicholson Prize*—a gold medal—is presented to the graduate passing the best examination on Anatomy.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty have it in their power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz.: two at the City Hospital, two at the Maternité and one at the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical practice.

The Faculty also have the right to elect annually one resident physician to Bay View, with a salary of five hundred dollars and board and lodging.

Twelve resident students can be accommodated in the City Hospital, by paying a fee of $25.00 and $6.00 per week board. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as may be required.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee $5.

Tickets for one or more of the branches may be taken out separately.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their Preceptors or other Physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $65 for Professors' Tickets.

There are no fees for Physiological and Chemical Demonstrations, but in each of these departments $2 is charged to cover cost of materials used.

The Graduation Fee is $30 in all cases.

The above fees comprehend all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## SUMMARY OF NECESSARY EXPENSES.

### College Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 120 00 |
| Chemical and Physiological Laboratory Materials, | 4 00 |
| Diploma Fee, | 30 00 |
| Total, | $159 00 |

### Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 65 00 |
| Chemical and Physiological Laboratory Materials, | 4 00 |
| Diploma Fee, | 30 00 |
| Total, | $104 00 |

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon

as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations*, in public wards or private rooms, as they may prefer, at from $4 to $10 per week, according to conveniences required.

For further information address,

THOMAS OPIE, M. D., DEAN,
*College of Physicians and Surgeons,*
BALTIMORE, MD.

# CLASS OF 1885-86.

## ALABAMA.

| NAME. | PRECEPTOR. |
|---|---|
| Ayers, T. W. | Dr. J. C. L. Gand |
| Baily, Thos W. | Dr. B. T. Kieralff |
| Bonner, S. R. | Dr. J. P. Jones |
| Brothers, W. P. | Dr. P. H. Brothers |
| Finch, J. H. | Dr. J. Wood |
| Griffith, Wm. | Dr. C. Drennen |
| Hunter, H. M. | Dr. H. M. Hunter |
| Spratling, W. P. | Drs. Smith & Chambers |
| White, W. Y. | Dr. B. P. White |

## ARKANSAS.

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| Chisolm, J. E. | Dr. R. P. Poole |

## CANADA.

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| Cowan, J. W. | Dr. W. B. Cowan |

## COLORADO.

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| Collison, D. W. | Dr. J. A. Gale |

## CONNECTICUT.

| | |
|---|---|
| Bevan, C. A. | Dr. B. S. Lewis |
| Chappell, W. A., B. A. | Dr. Rufus Baker |
| Fenn, Ava H. | Dr. N. Nickerson |
| Jacobs, Jonas | "Yale Med. College." |
| Miller, George R. | Dr. H. G. Howe |
| O'Neill, F. J. | Faculty |
| Sanger, F. D. | Faculty |
| Starkweather, F. C. | Dr. B. W. Numson |

## DELAWARE.

| | |
|---|---|
| Baird, Chas. E. | Dr. D. W. Maull |
| Miller, W. P. | Dr. A. M. Day |

## FLORIDA.

| | |
|---|---|
| Hall, J. S. | Dr. I. A. Glenn |

## GEORGIA.

| NAME. | PRECEPTOR. |
|---|---|
| Carswell, N. T. | Drs. Wm. Taylor and J. H. Branham |
| Colding, H. S. | Dr. R. B. Winder |
| Johnson, H. Herbert | Dr. T. E. Chambers |
| Ledbetter, Jno. | Dr. E. W. Walker |
| Mixon, M. N. | Dr. Brown |
| Parramore, F. | B. C. D. S. |
| Reville, Thos. P. | Dr. Atkins |
| Roach, Jas. | S. M. Roach, D. D. S. |
| Weaver, W. H. | B. C. D. S. |
| Williams, W. J. | H. R. Money |

## ILLINOIS.

| | |
|---|---|
| Blaisdell, W. S. | Dr. Morton |
| Ensley, Jno. C. F. | Dr. W. J. Webb |

## INDIANA.

| | |
|---|---|
| Rawlings, J. V. | Dr. J. W. Flanders |

## KANSAS.

| | |
|---|---|
| Sawtell, J. E. | Dr. J. A. Sisk |

## KENTUCKY.

| | |
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| Conner, Geo. W. | Dr. W. Walden |

## LOUISIANA.

| | |
|---|---|
| Cappel, Curry | Dr. R. B. Winder |
| Fore, J. H. | Dr. R. C. McCullough |
| Gladney, J. G. | Dr. J. G. Wiltshire |
| Shaw, J. W. K. | Dr. A. J. Shaw |

## MAINE.

| | |
|---|---|
| Baker, E. E. | Dr. L. J. Cooper |
| Brown, J. E. | Dr. Wm. Deinstadt |

## MARYLAND.

| NAME. | PRECEPTOR. |
|---|---|
| Ayd, Jno | Faculty |
| Barber, R. T. J. | Drs. Morgan & Chambers |
| Boucher, S. A. | Dr. H. L. Bevans |
| Buck, E. E. | Dr. P. A. Boyer |
| Canfield, J. P. | B. C. D. S. |
| Cathell, Wm. T | Dr. J. W. Chambers |
| Coe, J. A. | Drs. Latimer & Son |
| Cruzen, E. E | B. C. D. S. |
| Drought, A. M | Dr. W. Webster, Jr. |
| Friedenwald, H | Prof. Friedenwald, M. D. |
| Getty, J. C. | B. C. D. S. |
| Griffith, R. Sumter | Dr. L. A. Griffith |
| Gundry, R. F. | Prof. Gundry, M. D. |
| Hammett, S. B. | Drs. D. & G. W. Dorsey |
| Hassan, T. V | Prof. Latimer, M. D. |
| Hoover, A. S. | Dr. G. B. Masten |
| Keller, Y. C | B. C. D. S. |
| Krystall | Prof. C. F. Bevan, M. D. |
| Leatherman, D. I | Dr. J. W. Chambers |
| Mitchell, J. W | Dr. R. B. Winder |
| Murphy, F. P., M. D. | ——— |
| McAlpine, W | Faculty |
| McClelland, W. A | Dr. G. F. Taylor |
| Smith, W. Lee | Dr. L. A. Griffith |
| Strauss, Conrad | Dr. J. W. Chambers |
| Vees, Chas. H | Dr. R. W. Clark |
| Wainwright, C. W | Dr. J. W. Dashiell |
| Wegefarth, W. A | Prof. A. F. Erich and Dr. E. Van Hood |
| Windsor, S. J | Drs. M. Rowe & Wiltshire |
| Wolf, W | Dr. J. H. Branham |
| Young, Jno. D. S | Dr. Schellneck |

## MASSACHUSETTS.

| | |
|---|---|
| Freny, E. U | Dr. E. Ellinwood |
| Lawler, Wm. R | Faculty |
| Simmons, W. E. | Dr. J. H. Warren |
| Wilson, Jno. J | Faculty |

## MISSISSIPPI.

| | |
|---|---|
| Powel, W. A | Dr. T. Jones |
| Summers, G. B. | Dr. W. C. Summers |
| Walker, J. T | Drs. Vasses & E. Van Hood |

## NEW HAMPSHIRE.

| NAME. | PRECEPTOR. |
|---|---|
| Powers, J. B. | Faculty |
| Togus, T. M. | Drs. Russel & Cummings |

## NEW JERSEY.

| | |
|---|---|
| Bennett, Jno. W. | Dr. J. Way |
| Cook, R. L. | Drs. Cook & Chambers |
| Davis, David | Dr. Pursell |
| De Mill, Sherman | Dr. G. De Mill |
| Forge, C. La | Dr. V. M. Disbrow |
| Garrabrant, C | Drs. Stiger & Clark |
| Gilbert, J. S | Dr. T. H. Taylor |
| Kelley, E | J. Gallagher |
| Laubach, C. C. | E. M. Beesley |
| Van Gieson, Wm. H. | W. Hodgson |

## NEW YORK.

| | |
|---|---|
| Adsit, N. H | Drs. Mott & Chambers |
| Augur, F. A. | Dr. W. T. Basett |
| Botsford, Wade | Dr. J. C. Wightwen |
| Church, C. H | Dr. Muir |
| Cleland, C. S | Dr. A. A. Stevans |
| Dickson, Weldon | Dr. Laben Hazeltine |
| Egar, J. B. S | Dr. G. H. Rich |
| Freston, Joseph | Dr. Kufe, C. F. |
| Hall, N. F. | Prof. Bevan & W. A. Hall |
| Halsey, Hugh | " " " " |
| Highriter, C. D | Dr. Chas. G. Bacon |
| Hubble, Silas | Dr. J. G. De Forris |
| Hubbs, J. S. | Dr. M. B. Hubbs |
| Jackson, C. O. | Dr. D. Hubbs |
| Lindsley, A. C. | Dr. Dobson |
| McKinney, J. G | Dr. J. W. Chambers |
| Patterson, J. T | Dr. W. T. Reynolds |
| Skinner, G. M. | Dr. L. W. Bigelow |

## NORTH CAROLINA.

| | |
|---|---|
| Best, B. W., M. D. | ——— |
| Bayles, A. C | Drs. Christian & Kuver |
| Bulla, J. D | Dr. A. C. Bulla |
| Burt, B. W | Dr. L. P. Snipes |
| Cox, B. F. | Dr. M. M. Hayworth |
| Eddleman, H. M. | Dr. W. M. Rudy |
| Ferree, T. T | Dr. Joe Hill |
| Grady, Jas. C | Dr. Jas. M. Grady |

| NAME. | PRECEPTOR. |
|---|---|
| Hassell, J. L. | Dr. A. Alexander |
| Hollingsworth, E. M. | Dr. J. Hollingsworth |
| Hollingsworth, J. M. | Dr. J. Hollingsworth |
| Hoopes, W. Homer | Dr. J. G. Heading |
| Jenkins, J. C. | Dr. Thos. M. Jordan |
| Joyner, H. A. | B. C. D. S. |
| Kellam, W. D. | Dr. E. Van Hood |
| Kernodle, G. W. | Dr. S. W. Fielder |
| Koonce, A. J. | Dr. J. W. Ring |
| Moir, S. A. | "Univ. of Virginia." |
| Moore, J. L. | Dr. E. Green |
| McAnally, Chas. B. | Dr. A. G. Jones |
| McCullers, J. J. L. | Dr. J. H. Branham |
| Parker, G. E. | Dr. W. E. Turlington |
| Perkins, L. W. | Dr. E. L. Perkins |
| Petree, A. L. | Dr. J. W. Ring |
| Phillips, Thos. W. | Dr. M. D. Phillips |
| Powell, Jas. H. | Dr. W. E. Powell |
| Reece, J. M. | Faculty |
| Roberson, D. A. | Dr. C. M. Glenn |
| Rogers, Jas. R. | Dr. J. H. Branham |
| Rose, E. P. | Drs. Rose & Sasser |
| Shamburger, Jno. | Dr. F. E. Asbury |
| Shaver, J. V. | Dr. L. M. Archey |
| Sweaney, Jno. | Dr. A. Wise |
| Wise, J. A. | Faculty |
| Wyche, Jas. E. | E. L. Hunter, D. D. S. |
| Young, L. B. | Drs. A. R. Young and J. W. Chambers |

## NOVA SCOTIA.

| | |
|---|---|
| Ellis, G. M. | Dr. S. S. Ellis |
| Hamilton, G. C. | Dr. W. S. Muir |

## OHIO.

| | |
|---|---|
| Collison, F. J. | Dr. W. S. Gardner |
| Crawford, A. J. | Dr. H. C. Allen |
| Dore, Chas. H. | Dr. Foster |
| Holmes, H. W. | Dr. Chas. Draper |
| Hughes, C. W. | Dr. E. I. Mack |
| James, Frank | Dr. K. W. Rolan |
| Jones, Orlando | Dr. R. H. Barnes |
| Keyser, C. F. | Dr. Wm. Peper |
| McCann, C. L. | Dr. S. McCann |
| McCoy, V. W. | Dr. G. H. Colville |
| McFarland, W. S. | Dr. F. C. Bressler |
| McGrew, Jas. A | Dr. Chas. Coob |
| Robinson, I. S. | Drs. Robinson & Roberts |
| Sproull, O. T. | Dr. D. Ellison |
| Warwick, C. M. | Dr. J. B. Warwick |
| Woods, L. S. | Dr. T. E. Woods |

## PENNSYLVANIA.

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| Ankrim, L. F. | Drs. Beaver & Chambers |
| Ashbrook, R. L. | Dr. J. N. Sprowls |
| Ashbrook, A. L. | W. L. McLeary |
| Ashbrook, S. | W. L. McLeary |
| Bartho, B. F. | Wiltshire & Bressler |
| Barker, P. N. | Dr. E. G. Tracy |
| Bogan, A. S. | Faculty |
| Brown, Otis S. | Dr. S. W. Brown |
| Burd, E. J. | Dr. J. W. Bright |
| Carpenter, T. M. | Faculty |
| Christian, H. S. | Dr. A. P. Heller |
| Christman, C. D. | Dr. Wiltshire |
| Clifford, Chas. H. | Dr. E. M. Clifford |
| Coolbaugh, E. H. | B. C. D. S. |
| Connelly, J. P. | Dr. G. D. Nutt |
| Coyle, Felix A. | Dr. Thos. Lewis |
| Craig, W. H. | Dr. S. A. Craig |
| Cummings, A. W. | Dr. A. Miles |
| Davis, E. M. | Dr. J. T. Beckwith |
| Devor, W. J. | Dr. W. C. Hull |
| Doane, L. L. | Dr. T. B. Lashell |
| Dood, W. L. | Dr. W. T. Dood |
| Drawbaugh, J. A. | Dr. H. Wagner |
| Drawbaugh, J. H. | Dr. J. W. Trimmer |
| Emerick, M. L. | Dr. H. M. Emerick |
| Ensley, G. G. | Dr. J. T. Rohm |
| Faust, Jno. R. | Dr. Martin Luther |
| Fennel, W. L. | Dr. J. H. Fulton |
| Foss, Walter B | Dr. C. L. Boston |
| Garman, W. A. | Faculty |
| Glatfuter, B. | B. C. D. S. |
| Good, J. F. | Drs. Roop & Wiltshire |
| Gosh, D. Lloyd | Dr. W. G. Marsh |
| Gregg, J. F. | Dr. B. Kendel |
| Hatfield, Geo. W. | Dr. J. Hatfield |
| Heading, Jno. M. | Dr. J. K. Mitz |
| Heiser, W. H. | Dr. E. S. Heiser |
| Henderson, G. W. | Dr. S. A. Kelley |
| Hillis, R. J. | Dr. B. Sweeney |
| Holt, H. P. | Drs. Barret & Engleman |

| NAME. | PRECEPTOR. |
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| Hower, H. V | Dr. J. C. Kesner |
| Husler, J. T | Dr. E. G. Husler |
| Hutton, D. S | Dr. R. S. Stewart |
| Johns, C. R | Dr. J. R. Bixler |
| Johnston, F. A | Dr. J. E. Davison |
| Kestler, O. F | Dr. E. H. Kestler |
| Keiffer, C. C | Dr. J. R. Bixler |
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| Kimble, Z. E | Dr. M. F. Milnor |
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| Krum, T. E | Dr. J. G. Wiltshire |
| Lenker, J. N | Dr. A. J. Kuntz |
| Lindley, C. M | Dr. W. S. Dood |
| Lutz, P. A. | Drs. S. R. Allen & E. Van Hood |
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| Miller, Jno. H | Dr. P. C. Dinsmore |
| Mohney, C. S | Dr. A. M. Mohney |
| Mohney, S. S | Dr. A. D. McComb |
| Montgomery, E. J | Faculty |
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| Reinsel, Levi M | Dr. W. Randall |
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| Urling, Geo. A | B. C. D. S. |
| Urling, H. N | B. C. D. S. |
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| Wise, Jno | Dr. A. M. Whisler |
| Woode, G. B | Dr. A. M. Mohney |

## SOUTH CAROLINA.

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| Davis, W. P | Dr. S. Pope |
| Earle, C. E | Dr. M. L. Sharpe |
| Kennedy, L. N., A. B | Dr. J. P. Robinson |
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| Toole, Chas | Dr. B. F. Wyman |
| Williamson, Jas. W | Dr. J. W. Chambers |
| Wilson, J. H | B. C. D. S. |
| Wilson, H. L | Dr. Wiltshire |
| Wood, L. J | Dr. P. B. Carwill |
| Woodley, J. A | Drs. Homer & Covington |
| Youngblood, D. W | Drs. Hill & Tompkins |

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| Gilbert, L. L | Drs. H. G. Williamson & Bressler |
| Hunter, R. R | Dr. J. A. Albright |
| Minton, W. E | Dr. C. M. Emmert |
| Park, H. L | Dr. S. T. Evans |
| Russell, R. S | Dr. R. B. Winder |
| Voorhees, J. L | Dr. Robt. Pillow |

## TEXAS.

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|---|---|
| Burge, R. F | Dr. E. A. Boyd |
| Mann, J. H | Dr. E. M. Boyd |
| Smith, R. O | Dr. J. G. Wiltshire |
| Triplett, J. B | Faculty |

## VIRGINIA.

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|---|---|
| Arnold, W. R | Dr. J. J. Board |
| Baxter, E. Wilson | Dr. H. Hunter |

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| Black, R. G | Dr. W. M. Phillips |
| Chiles, G. E | Dr. L. R. Chiles |
| Chilton, O. M | Drs. Day & Chilton |
| Comer, C. C | Dr. P. S. Carder |
| Cooke, S. G., Jr | Dr. R. T. Ellest |
| Dew, H. W | Dr. W. S. Gardner |
| Doak, J. S | Faculty |
| Doles, Julian T | Dr. S. B. Keller |
| Downing, E. W. P | Dr. S. B. Downing |
| Hammond, A. W | Faculty |
| Harnsburger, Stephen, M. D | Faculty |
| Hume, J. T | Dr. C. E. Hume |
| Jones, W. Preston | Wiltshire & Jones |
| Kinney, J | Dr. T. H. Kinney |
| Martin, Roger | Faculty |
| Mason, Allen | B. C. D. S. |
| Moore, G. P | Dr. J. H. Branham |
| Peirce, Wm | Dr. C. C. Campbell |
| Poindexter, J. D | Drs. Walker & E. Van Hood |
| Priddy, A. S | Dr. W. R. Clark |
| Pritchett, C. W | Dr. J. H. Branham |
| Smith, J. S | Dr. Stighma |
| Stuart, E. C | Dr. W. P. Stuart |
| Walker, Jas. T | Faculty |
| Wilson, F. L. A | Dr. W. A. Johnson |
| Yancey, S. M | Dr. L. B. Yancey |

## WEST VIRGINIA.

| | |
|---|---|
| Barker, Guy | Dr. T. G. Edmiston |
| Campbell, Lewis M | Dr. C. W. Spangler |
| Conway, C. C | Dr. E. T. Prichet |
| Curtis, W. R | Dr. F. R. Louther |
| Garee, E. C | Dr. J. D. Dillon |
| Haskins, Thos. M | Dr. N. Owens |
| Haught, T. T | Dr. B. W. Allen |
| Henry, H. L | Dr. M. A. Blair |
| Kirk, J. B | Dr. J. C. Vermillion |
| Koonce, Howard | Dr. W. E. Perry |
| McMillen, R. M | Dr. J. A. Cox |
| Posten, S. J | Dr. J. A. Cox |
| Quesenberry, Geo. O | Dr. V. Quesenberry |
| Ray, C. A | Drs. Fisher & Duley |
| Stone, S. A., Ph. B | Dr. P. Burwell |
| Steele, S. M | Drs. Cracroft & Clark |
| Watson, Jno. B | Dr. J. B. Watson |

# GRADUATING CLASS, 1885-86.

Ayers, Thomas W.....Ala.
Ayd, John.....Md.
Arnold, W. R.....Va.
Ankrim, Louis F., 3d G. C.....Pa.
Adsit, Noble Henry, B. S.....N. Y.
Ashbrook, R. E. L.....Pa.
Augur, Frank A.....N. Y.
Brown, Otis S.....Pa.
Baily, Thos. W.....Ala.
Baird, Charles Egbert.....Del.
Barber, Robert T. J.....Md.
Brothers, W. P.....Ala.
Bishop, J. Peale.....Va.
Brown, J. Edmund.....Maine.
Burt, B. W.....N. C.
Black, Robt. G.....Va.
Chisolm, James Emerson.....Ark.
Connelly, Joseph P.....Pa.
Cox, Benjamin Franklin.....N. C.
Craig, W. H.....Pa.
Cole, James A.....S. C.
Christman, Chas. D.....Pa.
Cook, Richard L.....N. J.
Chappell, W. A., B. A.....Conn.
Cathell, Wm. T.....Md.
Coyle, Felix A.....Pa.
Cooke, S. G., Jr.....Va.
Caldwell, Geo. B.....S. C.
Carswell, N. T.....Ga.
Comer, C. C.....Va.
Conway, Caleb C.....W. Va.
Collison, Dana W.....Col.
Dickson, Weldon A.....N. Y.
Davis, David.....N. J.
Dew, Henry W.....Va.
Downing, E. W. P.....Va.
Drawbaugh, J. H.....Pa.
Doane, L. Leo., A. B.....Pa.
Ensley, George W. G.....Pa.
Earle, Claudius E.....S. C.
Freston, Joseph.....N. Y.
Fenn, Ava H.....Conn.
Faust, John R.....Pa.
Fennel, William L.....Pa.
Friedenwald, Harry, A. B.....Md.
Forge, C. La, 3d yr., G. C.....N. J.
Fore, James H.....La.
Finch, John H.....Ala.
Gilbert, Luther L.....Tenn.
Gladney, J. G.....La.
Gosh, Lloyd D.....Pa.
Gilbert, James Stephen.....N. J.
Garrabrant, Clarence.....N. J.
Garman, W. A., M. D.....Pa.
Hammitt, Sothoron B.....Md.
Hollingsworth, E. M.....N. C.
Hollingsworth, J. M.....N. C.
Reading, Jno. M.....Pa.
Hall, Nelson Franklin.....N. Y.
Halsey, Hugh.....N. Y.
Holmes, H. W.....Ohio.
Hunter, H. M.....Ala.
Hamilton, G. C.....Nova Scotia.
Hunter, Robert R.....Tenn.
Husler, John T.....Pa.
Hillis, R. J.....Pa.
Haskins, Thos. M.....W. Va.
Hassell, James L.....N. C.
Jacobs, Jonas.....Conn.
Jones, Orlando A.....Ohio.
James, Frank.....Ohio.
Jones, W. Preston.....Va.
Kellam, William D.....N. C.
Keyser, Charles F.....Ohio.
Kimble, Z. Ellis.....Pa.
Kiess, Daniel Edward.....Pa.

Kirkpatrick, Edwin.....Pa.
Kimball, Ernest D .....Conn.
Knauer, John C.....Pa.
Krum, Thomas E.....Pa.
Kirk, J. B .....W. Va.
Kernodle, Geo. Wash'n.....N. C.
Krystall, Berthold E.....Md.
Koonce, Howard.....W. Va.
Leathermen, D. I.....Md.
Lenker, John N .....Pa.
Ledbetter, Jno.....Ga.
Lindley, Colin M.....Pa.
Lawler, William P., A. B.....Mass.
Lutz, P. A.....Pa.
Moir, S. A.....N. C.
Myers, Josiah J.....Pa.
Miller, George R.....Conn.
Montgomery, James Eddy.....Pa.
Moore, Garland Payne.....Va.
Moore, John L., 3d G. C.....N. C.
Muffly, Oscar L.....Pa.
McAlpine, William.....Md.
McKinney, Jefferson G.....N. Y.
McCullers, J. J. L. .....N. C.
McGrew, Jas. A.....Ohio.
McFarland, W. S.....Ohio.
Phillips, Thos. J. .....N. C.
Powel, Wm. A.....Miss.
Pritchett, Charles W., Jr .....Va.
Purucker, George.....Pa.
Poindexter, Jeff. Dudley.....Va.
Priddy, A. S.....Va.
Park, H. L.....Tenn.
Petree, A. L .....N. C.
Powell, James H.....N. C.
Rogers, Jas. R.....N. C.
Roberson, Dalph A.....N. C.
Roberts, G. B.....Pa.
Reece, J. Montgomery.....N. C.
Stone, Selden A., Ph. B.....W. Va.
Shoemaker, David E.....Pa.
Schaeffer, Oscar D.....Pa.
Summers, G. B.....Miss.
Spratling, William Philip.....Ala.
Schrecengost, L. Curtis.....Pa.
Smith, R. O.....Texas.
Sweeney, G. B.....Pa.
Steele, S. Marion.....W. Va.
Simmons, Wm. E., 3d G. C.....Mass.
Skinner, George M.....N. Y.
Sweaney, Jno.....N. C.
Sawtell, Jos. E.....Kan.
Seaton, Leander.....Pa.
Sproull, Oliver T.....Ohio.
Sieling, J. H.....Pa.
Toole, Chas.....S. C.
Vees, Chas. H., 3d G. C.....Md.
Van Gieson, Wm., 3d G. C.....N. J.
Watson, Wm.....Pa.
Williamson, James W.....S. C.
Walker, James T.....Miss.
Walker, James T., 3d G. C.....Va.
Wegefarth, J. A. W.....Md.
Windsor, S. J.....Md.
Wilson, Jno. J., 3d G. C.....Mass.
Wilson, H. L.....S. C.
Wise, James A.....N. C.
Young, Lawrence B.....N. C.
Youngblood, Durand W .....S. C.
Yancey, S. M.....Va.

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## GRADED COURSE.

Wolfe, W., 2d year, G. C., Md.

Schell, M. S., 2d year, G. C., Pa.

Young, John D. S., 2d year, G. C., Md.

## PRIZES.

| | |
|---|---|
| First College Prize, | Harry Friedenwald, Md. |
| Brown Memorial Prize, | Joseph C. Connelly, Pa. |
| Howard " " | Edwin Kirkpatrick, Pa. |
| Bobbitt Prize, | N. T. Carswell, Ga. |
| Nicholson Prize, | Charles W. Pritchett, Jr., Va. |

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## WORTHY OF HONORABLE MENTION.

David Davis, N. J. Geo. R. Miller, Conn. Henry W. Dew, Va.
J. Edmund Brown, Maine. A. S. Priddy, Va.

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## TEXT-BOOKS.

*The First-Named Book in Each Branch is Preferred.*

**Surgery.**—Eichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.

**Practice of Medicine.**—Bristowe, Niemeyer, Flint, Cohen on the Throat.

**Obstetrics.**—Playfair Lusk, Cazeaux, Barnes.

**Diseases of Women.**—Thomas, Emmet, Barnes, Goodell.

**Medical Jurisprudence.**—Taylor, Beck, Tanner on Poisons.

**Anatomy.**—Gray, Wilson.

**Materia Medica.**—Wood, Farquharson, National Dispensatory, Ringer's Therapeutics.

**Physiology.**—Dalton, Martin, Kirkes.

**Chemistry and Toxicology.**—Simon, Charles, Wormly, Tyson.

**Diseases of the Eye, the Ear and the Skin.**—Nettleship on the Eye, Burnett on the Ear, Wells on the Eye, Mittendorf on the Eye and Ear, Rohé, Duhring, Hyde on Diseases of the Skin.

**Diseases of Children.**—Smith, West.

**Nervous System.**—Arnold, Rosenthal, Charcot, Althaus' Medical Electricity.

**Genito-Urinary Diseases.** — Van Buren and Keys, Bumstead and Taylor on Venereal Diseases, and Otis on Stricture.

**Hygiene.**—Rohé's Text-book of Hygiene.

**Insanity.**—Spitzka, Savage.

## City Hospital Staff.

### SURGEONS.

PROF. OSCAR J. COSKERY, M. D.
" CHAS. F. BEVAN, M. D.
PROF. A. FRIEDENWALD, M. D.
J. W. CHAMBERS, M. D.

### PHYSICIANS.

PROF. JOHN S. LYNCH, M. D.
" THOS. S. LATIMER, M. D.
PROF. A. B. ARNOLD, M. D.

RESIDENT PHYSICIAN, . . . W. S. GARDNER, M. D.
ASST. RESIDENT PHYSICIAN, . H. FRIEDENWALD, A. B., M. D.

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## Maternité Hospital Staff.

ATTENDING OBSTETRICIAN, . . PROF. THOMAS OPIE, M. D.
RESIDENT PHYSICIAN, . . . . . DAVID DAVIS, M. D.

## Woman's Hospital Staff.

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J. W. CHAMBERS, M. D.
PROF. C. F. BEVAN, M. D.
J. H. BRANHAM, M. D.

### PHYSICIANS.

PROF. JOHN S. LYNCH, M. D.
" A. B. ARNOLD, M. D.
PROF. THOS. S. LATIMER, M. D.
" G. H. ROHÉ, M. D.

---

F. RUDOLPH NORDMANN, M. D., Resident Physician at Bay View.
WM. T. COUNCILMAN, M. D. { Pathologist " "
{ Lecturer on Pathology.

---

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PROF. OF PHYSIOLOGY, . . . . . THOS. S. LATIMER, M. D.
DEMONSTRATOR OF PHYSIOLOGY, W. D. BOOKER, M. D.
" " PATHOLOGY, N. G. KEIRLE, M. D.
" " CHEMISTRY, C. W. PRITCHETT, M. D.

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## City Hospital Dispensary.

PHYSICIAN IN CHARGE, . . . . . N. G. KEIRLE, M. D.

# ALUMNI ASSOCIATION,

# COLLEGE OF PHYSICIANS AND SURGEONS.

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BALTIMORE, MD.

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A Prize of $100 is awarded annually by the Alumni Association to the member who presents the best Essay.

The Committee on Prize Essay for '87 are Dr. C. F. Bevan, Chairman, Dr. S. M. Free and Dr. F. R. Nordmann.

All communications on the subject should be addressed to the Chairman.

The Executive Committee consists of Prof. John S. Lynch, Chairman, Dr. J. H. Branham, Dr. L. L. Bitting, Dr. F. C. Bressler and Dr. W. S. Gardner.

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JOHN H. COYLE, D. D. S., Professor of Operative Dentistry and Dental Materia Medica.
THOMAS S. LATIMER, M. D., Professor of Physiology.
JAMES E. LINDSAY, M. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Professor of Anatomy.
OSCAR J. COSKERY, M. D., Clinical Professor of Oral Surgery.
RICHARD GUNDRY, M. D., Professor of Materia Medica.

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CHAS. R. BUTLER, D. D. S., *Ohio.*
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W. W. WALKER, D. D. S., *N. Y.*
H. A. PARR, D. D. S., *N. Y.*

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E. M. FLAGG, D. D. S., *N. Y.*
R. B. DONALDSON, D. D. S., *D. C.*
JOHN H. MEYER, D. D. S., *N. Y.*
J. L. WILLIAMS, D. D. S., *Conn.*

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WILLIAM B. FINNEY, D. D. S., Demonstrator of Operative Dentistry.
R. BAYLY WINDER, D. D. S., Demonstrator of Mechanical Dentistry.

## ASSISTANT DEMONSTRATORS.

B. HOLLY SMITH, M. D., D. D. S. | WILLIAM G. FOSTER, D. D. S.
J. W. CHAMBERS, M. D., Demonstrator of Anatomy.
J. H. BRANHAM, M. D., Assistant Demonstrator of Anatomy.

THE BALTIMORE COLLEGE OF DENTAL SURGERY, the first and for many years the only Dental School, offers facilities for the study of Dentistry proper, such as age and experience only can give. Its immense *museum*, complete apparatus, large and well-arranged building, and carefully studied *curriculum* give to its students great advantages and opportunities, both theoretical and practical; while its age gives its Diploma a dignity far out-ranking all other Colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *College Infirmary*, a most complete, large and handsome *Hall*, being daily filled with clean and respectable patients, of a class nearly equal to those of the average dentist. *This Infirmary is open all the year*, students paying an entrance fee which is deducted from those of the regular succeeding course.

The Session begins Oct. 1, closing in March. The first month is devoted mainly to Practical Dentistry—the regular lectures commencing Nov. 1. A large corps of Demonstrators, always present, put in actual practice the teachings of all lecturers on Dentistry—leaving nothing undemonstrated. *All methods are fully taught*, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D. (See Catalogue.) In accordance with the resolution adopted by the National Association of Dental Faculties in the City of New York on the 4th of August, 1884, and which goes into effect for the session of 1885 and 1886, the qualifications for entering the Junior Class are a preliminary examination in the ordinary English branches.

**TERMS OF GRADUATION.**—Attendance on two Winter courses of lectures in this College; as equivalent to one of these we accept *one course* in any reputable Dental College. *Graduates in Medicine* who have attended one Winter Course in this College and have passed one year, inclusive of the Winter Course, in the practical work of the Infirmary and Laboratory will be permitted to present themselves for graduation.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular tuition fees. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

Prof. R. B. WINDER, Dean,

*No. 140 Park Ave., Baltimore, Md.*

# THE MARYLAND LYING-IN ASYLUM,

## 161 West Lombard Street,

## BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons.**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to **DAVID DAVIS**, M. D., House Physician.

THOMAS OPIE, M.D.

Dean of the Faculty.

BAY VIEW ASYLUM.

1887-8.

# ANNUAL ANNOUNCEMENT

AND

# CATALOGUE

OF THE

# College of Physicians and Surgeons,

## BALTIMORE, MD.

BALTIMORE:
PRESS OF ISAAC FRIEDENWALD,
32 S. Paca Street.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## FACULTY OF PHYSIC.

THOMAS OPIE, M. D.
*Professor of Obstetrics, Diseases of Women and Dean of the Faculty.*

JOHN S. LYNCH, M. D.
*Professor of Principles and Practice of Medicine, and Clinical Professor of Chest and Throat.*

THOMAS S. LATIMER, M. D.
*Professor of Physiology and Diseases of Children.*

AARON FRIEDENWALD, M. D.
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M. D.
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.
*Professor of Clinical Medicine, and of Diseases of the Nervous System.*

RICHARD GUNDRY, M. D.
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

WM. SIMON, M. D., PH. D.
*Professor of Chemistry.*

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GEORGE H. ROHÉ, M. D.
*Professor of Hygiene and Clinical Dermatology.*

J. W. CHAMBERS, M. D.
*Demonstrator of Anatomy and Lecturer on Applied Anatomy of Nervous System.*

N. G. KEIRLE, A. M., M. D.
*Demonstrator of Pathology and Lecturer on Pathological Histology.*

WM. D. BOOKER,
*Demonstrator and Lecturer on Physiology.*

J. H. BRANHAM, M. D.
*Assistant Demonstrator of Anatomy and Lecturer on Regional Anatomy.*

R. B. WINDER, M. D., D. D. S.
*Prof. of Principles and Practice of Dental Surgery as applied to Medicine.*

WILLIAM S. GARDNER, M. D.
*Demonstrator of Chemistry.*

WM. T. COUNCILMAN, M. D.
*Lecturer on Pathology and Pathologist at Bay View*

# Annual Announcement

# 1887.

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The College of Physicians and Surgeons was organized in 1872. It has year by year extended its facilities, and is now the largest medical school in this State.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons under the latter name, giving this school all the rights, powers and property of both institutions.

The possession by the College of a General Hospital constantly filled with patients, affords students ample opportunity for instruction and experience.

The Maryland Lying-in Asylum furnishes an abundance of material for clinical teaching in Obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of Gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

The Physiological, Pathological and Chemical Laboratories have been fully equipped and put in practical operation.

All of the above-named institutions are owned by and are under the exclusive charge of the College of Physicians and Surgeons.

In addition to the above means of clinical instruction, the Faculty have the pleasure of announcing that Bay View Hospital has been opened to the students of this school. This Hospital, which has twelve hundred and fifty beds, affords the means of illustrating every form of disease, thus placing this school, as far as clinical facilities are concerned, on an equality with the best equipped colleges.

The control of the above-named hospitals enables the Faculty to confer upon the graduates of this school a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the College.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted as the best to assist the student in traversing the vast field of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter course will begin October 1st and end March 15th, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations,

the treatment of disease, and modes of investigating pathological phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations and compounding medicines —lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's Hospital, and the facilities for clinical instruction afforded at Bay View, give the best opportunity for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W Corner of Calvert and Saratoga Streets, No. 112 Saratoga and No. 115 W. Lombard Streets. As the Lecture Halls adjoin the wards of the City Hospital, under the same roof, and are connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification. Its connection with the various police-stations by telegraph and telephone enables the officials to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum, situated at 115 West Lombard Street, offers the medical student special clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are students made familiar with all those physiological changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of child-birth.

## GYNÆCOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided with a condensing illuminator, in addition to an excellent sky-light, gas and water, operations upon the interior of the vagina and uterus may be performed with equal facility in

cloudy as in bright weather, and witnessed by the students with great distinctness. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnosticate and treat all the disorders of the female generative organs.

## BAY VIEW HOSPITAL

is situated on the eastern suburbs of Baltimore, and contains 1000 beds, exclusive of 250 in the Insane Department, which has been recently established.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it, at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of their students.

The number of deaths occurring in an institution of this size affords the fullest opportunity for witnessing post-mortem examinations and the study of pathological phenomena.

## CITY HOSPITAL DISPENSARY.

This institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instruction in Practical Medicine and Surgery.

## GENERAL CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration f their respective branches. After the close of the session, the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order i observed, viz.:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Professor Friedenwald.

Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Arnold. Professor Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the vaginal and uterine specula, probes, tents and pessaries, are illustrated.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Professor Opie.

Instruction is given in the diagnosis and treatment of diseases of children, by Professor Latimer.

There will also be clinical and didactic lectures on Genito-Urinary and Orthopedic Surgery, by Professor Bevan.

Preventive Medicine is daily claiming a larger share of the attention of the profession and the public. The College of Physicians and Surgeons is one of the first institutions in the United States to make adequate provision for the study of Hygiene. The course of instruction in this branch is systematic, practical and complete. The lectures are illustrated by diagrams, microscopical preparations and chemical demonstrations.

Professor Rohé also gives instruction in the diagnosis and treatment of skin diseases. The didactic lectures on this branch are fully illustrated by colored plates and photographs from nature, while all the commoner forms of this troublesome class of diseases are presented in the clinic. The students are required to make the diagnosis and suggest treatment in cases brought before them.

The practical study of Insanity receives a proper share of attention in the course. In his lectures and clinics Professor Gundry will give especial attention to the diagnosis, classification and treatment of the insane.

Surgical clinic, by Professor Coskery. The central position of the City Hospital (it being in the *very heart* of the city) makes it the one to which the great majority of accidents are at once removed. As a school for acute surgery it is unsurpassed in Baltimore. The material for the clinic of Prof. Coskery is derived from this source. Surgical clinic, Friday, at 1 P. M.

In this school the facilities for acquiring a knowledge of Practical Pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in Dentistry of this school, who have also attended lectures on Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures and passing a successful examination.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open daily during the summer and winter sessions, and under the control of the Professor of Anatomy, assisted by two Demonstrators. Parties desiring to operate or dissect privately can readily do so.

**THE PHYSIOLOGICAL AND PATHOLOGICAL LABORATORY** of this school affords excellent opportunities for the study of Physiology and Practical Microscopy. Attendance upon this course is obligatory.

It will be under the supervision of Professor Latimer, assisted by Wm. D. Booker, M. D., Demonstrator of Physiology; C. H. Jones, M. B., Assistant Demonstrator; and N. G. Keirle, A. M., M. D., Demonstrator of Pathology.

Didactic lectures on Pathology will also be delivered by Drs. N. G. Keirle and W. T. Councilman.

## CHEMISTRY.

The course of lectures delivered by Professor Simon upon Chemistry are a concise presentation of the fundamental principles of the science from a modern point of view, and have been brought to the present state of perfection by a careful consideration of the needs of the student of medicine, extending over many years of experience in teaching students of medicine and pharmacy. Matter of purely scientific interest, or foreign to the requirements of the student of medicine, has been eliminated.

The course includes a consideration of all the important metals, and organic chemistry, with special attention to the elements and compounds included in the United States Pharmacopœia, physiological chemistry, urinary analysis, and the most important of the poisons, with their antidotes. Abundant apparatus has been supplied, and all lectures will be profusely illustrated by practical experiments.

The lectures will be supplemented by work in

## THE CHEMICAL LABORATORY.

During the spring session a practical course in qualitative, including urinary, analysis will be given, under the immediate supervision of Professor Simon, assisted by William S. Gardner, M. D., Demonstrator of Chemistry.

During the winter session a thorough course in urinary analysis (attendance upon which is obligatory) is given.

## THE SPRING COURSE

begins on the 16th of March and ends on the 16th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation; it is rather intended to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to obtain further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty and able assistants, which are given each day between the hours of 12 M. and 2 P. M.

Students are admitted to this course on payment of the matriculation and demonstrator's fees ($15.00), which amount is credited on the fees of the next winter session.

Further advantages of the Spring course are, that students have then an opportunity for pursuing their laboratory and dissecting work, by which they curtail to this extent the labor of the winter session.

## GRADUATION.

*The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education, and have passed a satisfactory examination before the Faculty.*

*All students are required to register at the close of each winter session, as the evidence of full attendance.*

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

Students from other schools, on presenting satisfactory evidence of having passed in any of the branches embraced in the first and second year of the graded course, will be exempt from such examinations.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of the second year the student will be examined in the branches he has studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the last year.

The Faculty do not *require* students offering themselves to this College to adopt this graded course, but they strongly advise them to do so, as they believe that by this plan the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of over 400,000, affords its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

*The First College Prize*—a gold medal—is awarded to the graduate who stands highest in the final examination.

*The Brown Memorial Prize*—a gold medal—is conferred by the Faculty on the candidate who stands second at the final examination.

*The Howard Memorial Prize*—a gold medal—is also conferred by the Faculty on the candidate who stands third.

*The Bobbitt Prize*—a gold medal—is awarded to the graduate standing highest in Gynæcology.

*The Nicholson Prize*—a gold medal—is presented to the graduate passing the best examination on Anatomy.

*The Rickert Prize*—a complete case of obstetrical instruments —to the graduate who stands highest in the department of Obstetrics.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty have it in their power to bestow upon meritorious graduates valuable appointments as resident hospital physicians—viz.: two at the City Hospital, two at the Maternité and one at the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical practice.

The Faculty also have the right to elect annually one resident physician to Bay View, with a salary of five hundred dollars and board and lodging.

Twelve resident students can be accommodated in the City Hospital, by paying a fee of $25.00 and $6.00 per week board. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as may be required.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee $5.

Tickets for one or more of the branches may be taken out separately.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their Preceptors or other Physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $65 for Professors' Tickets.

There are no fees for Physiological and Chemical Demonstrations, but in each of these departments $2 is charged to cover cost of materials used.

The Graduation Fee is $30 in all cases.

The above fees comprehend all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## SUMMARY OF NECESSARY EXPENSES.

### College Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 120 00 |
| Diploma Fee, | 30 00 |
| Total, | $155 00 |

### Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 65 00 |
| Diploma Fee, | 30 00 |
| Total, | $100 00 |

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations* in either City Hospital, Maryland Lying-in Asylum or Maryland Woman's Hospital, according to the requirements of the patient; the terms being from $4 to $12 per week, according to the conveniences desired.

For further information address,

THOMAS OPIE, M. D., Dean,
*College of Physicians and Surgeons,*
Baltimore, Md.

# CLASS OF 1886-87.

## ALABAMA.

| NAME. | PRECEPTOR. |
|---|---|
| Arnold, D. S | Faculty |
| Bonner, S. R | Dr. J. P. Jones |
| Crossland, J. H | Faculty |
| Griffith, William | Dr. Dremsen |
| Huey, Jno. F | Dr. R. M. Cunningham |
| Sparks, M. A | Faculty |
| Ward, E. W | Dr. B. C. Sparks |

## ARKANSAS.

| | |
|---|---|
| Smith, F. M. | Dr. A. R. Smith |

## CANADA.

| | |
|---|---|
| Cowan, J. W | Dr. W. Cowan |
| Cowan, W. D. | Faculty |
| Kellogg, A. E | Faculty |
| Mills, Arthur | Faculty |
| Sharp, Warren M | Faculty |
| Sproul, G. J | Dr. E. L. Fuller |
| Viets, Arthur | Dr. J. E. Crosby |

## CONNECTICUT.

| | |
|---|---|
| Barolet, A. E | Faculty |
| Bevan, C. A | Dr. B. S. Lewis |
| Smith, J. J | Dr. H. G. Varm |
| Starkweather, F. C | Dr. B. W. Munson |
| Weitz, A | Faculty |
| Warnes, F. A | Faculty |
| Wilmot, F. G | Dr. W. E. Worden |

## DELAWARE.

| | |
|---|---|
| Day, W. W | Dr. A. M. Day |
| Hitch, D. M | Faculty |
| Miller, W. P | Drs. Chambers & Day |

## DISTRICT OF COLUMBIA.

| NAME. | PRECEPTOR. |
|---|---|
| Fisher, Winston | Faculty |
| Heath, Herman B. F | Dr. Hodgkin |
| Johnston, B. B. | Faculty |
| Walton, J. Roland | Faculty |

## FLORIDA.

| | |
|---|---|
| Johnson, W. C | Dr. W. W. Johnson |
| Munroe, R. L | Faculty |
| Newsom, W. V | Dr. E. Van Hood |
| Shine, C, T | Faculty |

## GEORGIA.

| | |
|---|---|
| Boss, A. J. | Faculty |
| Branham, Harris M | Dr. J. H. Branham |
| Bunn, W. E. | Faculty |
| Carswell, W. B., Jr | Dr. T. D. Walker |
| Cheney, R. L | Dr. G. L. Clark |
| Cubbedge, B. W | Faculty |
| Currie, M. L | Dr. F. C. Bressler |
| Gardner, F. H | Dr. A. T. Fricks |
| Keaton, Pat. H | Dr. J. E. Douglass |
| Mixon, M. W | Dr. Brown |
| Parramore, F. R | Faculty |
| Reville, Thos. P | Dr. J. Atkinson |
| Roach, Joseph | Faculty |
| Roach, R | Faculty |
| Thurmond, W. J | ——— |
| Walker, B. W | Dr. N. F. Carswell |
| Williams, Harold | Drs. Thos. S. Mitchell and Son |

## GERMANY.

| | |
|---|---|
| Floris, Hugo | Faculty |
| Koenaart, H | Faculty |
| Mueller, H | Faculty |
| Schumacher, R | Faculty |

## ILLINOIS.

| NAME. | P E EPTOR. |
|---|---|
| Brooking, F. V | Dr. E. F. King |
| McLean, Chas | Dr. E. F. King |
| Neece, W. A | Faculty |

## INDIANA.

| | |
|---|---|
| Copeland, R. M | Dr. J. H. Christian |
| Myers, Chas. G | Faculty |
| Rawlings, J. V | Dr. J. W. Flanders |

## KENTUCKY.

| | |
|---|---|
| Conner, G. W | Faculty |
| Phillips, G. M | Dr. A. G. Browing |
| Ray, J. C. B | Dr. W. E. Ervin |

## LOUISIANA.

| | |
|---|---|
| Brownfield, R. M | Dr. J. Atkinson |
| Burns, Wm. Clyde | Faculty |
| Monton, Franklin | Faculty |
| Roberts, Chas. B | Dr. J. M. Hamilton |
| Sarrazin, Jules J | Dr. C. R. Kells |
| Shaw, J. W. K | Dr. A. G. Shaw |
| Terry, T. L | Drs. Hooper & Hamilton |
| Walet, Henry | Faculty |

## MAINE.

| | |
|---|---|
| Damon, M. L | Dr. E. C. Bryant |
| Hawley, B. H | Faculty |
| Young, R. A. B | O. S. Peace |

## MARYLAND.

| | |
|---|---|
| Brayshaw, J. Lacy | Dr. Hammond |
| Bubert, C. H | Dr. Wm. Rickert |
| Buck, C. C | B. C. D. S. and Brayshaw |
| Canfield, J. P | Dr. J. H. Wilson |
| Clarke, Edward J | ——— |
| Coe, Jno. A., Jr | Drs. Latimer & Son |
| Cruzen, E. E | Faculty |
| Dunbraced, W. W | Dr. S. C. Pennington |
| Dyrenforth, Geo. S | Prof. Arnold |
| Ford, J. Donaldson | Dr. J. C. Moryston |
| Getty, J. C | Faculty |
| Gundry, B. F | Prof. R. Gundry, M. D. |
| Hein, E. T | Dr. A. G. Watson |
| Huntt, Joseph R | Drs. Latimer & Son |

| NAME. | PRECEPTOR. |
|---|---|
| Johns, H. V. D | Dr. Booke |
| Johnson, S. J | B. C. D. S |
| Jordan, Wm. B. R | Drs. Jordan an Crothers |
| Kirby, E. E | Facult |
| Lippincott, T. S | Dr. S. M. Fre |
| Murry, H. D | Facult |
| Robinson, J. G | Facult |
| Russell, W. N | Dr. W. S. Russel |
| Seidler | Facult |
| Smith, W. L | Drs. Griffith & Branhan |
| Sokel, Otto A | Dr. J. M. Worthingto |
| Strauss, C. P | Dr. J. W. Chamber |
| Twilley, W. S | Facult |
| Wainwright, Chas. W | Drs. Dashie and Bevar |
| Webster, H. W., Jr | Dr. H. W. Webste |
| Wolf, W | Dr. J. H. Branhan |
| Young, Jno. D. S | Dr. C. N. Schiltneck |

## MASSACHUSETTS.

| | |
|---|---|
| Belden, Albert M | Dr. J. D. Seymore |
| Kennedy, Francis M | Dr. F. B. Nesbit |
| Heims, Henry | Faculty |
| Paton, Thos. L | Dr. T. M. Donal |
| Schavoir, S. | Dr. Paillonass |
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| Whipple, T. O | Faculty |

## MISSISSIPPI.

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|---|---|
| Caraway, W. C., M. D | Post-Graduate |
| Gray, J. W., Jr | Dr. J. W. Gray |
| Phillips, W. S | Dr. G. P. Phillips |
| Ross, T. E | Dr. W. H. Whittle |
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## MINNESOTA.

| | |
|---|---|
| Day, D. H | Faculty |

## MONTANA.

| | |
|---|---|
| Ensley, J. C | Faculty |

## NEW BRUNSWICK.

| | |
|---|---|
| Hetherington, E. N. | Dr. A. L. McCormack |
| Jewett, H. M., D. D. S | Dr. C. C. Connel |
| Lawrence, J. C. H | Dr. W. R. Barry |
| Nason, Z | Dr. J. P. Connel |
| Pugsley, S | Faculty |

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| owers, Jessie B | Faculty |

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| dams, G. E | Faculty |
| llen, Howard | Dr. McKenzie |
| e Mill, Sherman | Dr. G. De Mill |
| aton, A. R | Faculty |
| elley, Edward | Dr. P. G. Gullyher |
| cMillan, Wm. T | Dr. McKenzie |
| traley, S. B | Dr. J. Miller |
| inans, Chas. H | Dr. J. W. Read |
| orcester, J. Warren | Faculty |
| endel, A. V | Dr. Wm. Titus |

## NEW YORK.

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| ale, T. T | Dr. F. W. Ross |
| ana, J. C | Faculty |
| agan, J. B. S | Dr. G. H. Rich |
| arding, Chas. F | Faculty |
| ighriter, D. C | Dr. C. G. Bacon |
| oyle, B. E | Dr. T. Wight |
| ubbs, J. F | Dr. M. B. Hubbs |
| ackson, C. O | Dr. C. E. Annabel |
| night, W. R | Faculty |
| antz, A. F | Faculty |
| yers, C. G | Faculty |
| hillips, Wm. H | Faculty |
| arnes, F. A | Dr. E. S. Warnes |
| ebb, G. L | Dr. Dobson |
| hite, D. A | Dr. A. White |
| ilkinson, R. C | Faculty |

## NORTH CAROLINA.

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|---|---|
| lexander, C. L., D. D. S | Faculty |
| rantley, C. H | Dr. M. C. Chamblee |
| ox, L. L | Dr. J. Wilcox |
| arnhardt, G. C | Faculty |
| erree, T. T | Dr. Joe Hill |
| reeland, R. H | Faculty |
| attis, M | Dr. W. H. Bobbitt |
| regory, S. W | Faculty |
| ester, J. N | Faculty |

| NAME. | PRECEPTOR. |
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| Ledbetter, A. E. | Dr. W. G. Bradshaw |
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| Livermore, A. C | Faculty |
| Lucas, Giles | Drs. Archa & McKoy |
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| McCanless, W. V | Dr. W. N. McCanless |
| Moose, Jno. W | Post-Graduate |
| Parker, J. M | Faculty |
| Pitt, L. G | N. P. Boddie |
| Ray, Jno. L | W. P. Whittington |
| Redding, A. H | Dr. A. C. Bulla |
| Surage, W. H | R. M. Johnston |
| Woodruff, J. D | S. C. Gentry |
| Warlick, E. S | J. H. Sensabaugh |
| Wyche, Jas. E | Faculty |

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| McVorncey, G. W | Dr. McKay |
| Smith, S. S | Dr. J. P. Smith |

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| Crawford, A. J | Dr. H. C. Allen |
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| Hughes, C. W | Dr. E. J. March |
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| McCoy, W. V | Dr. G. H. Coldille |
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| Smith, Harry R. | Dr. G. P. Campbell |
| Teeters, Chas. A | Dr. S. C. Suters |

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|---|---|
| Ambrose, A. F | Faculty |
| Ashbrook, S | Faculty |
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| Bartho, B. F. | Dr. J. A. Welsh |
| Bogar, Albert S | Dr. Christian |
| Brobst, Chas. H | Dr. J. A. Brobst |
| Burns, J. E | Dr. A. M. Reid |
| Bush, Geo. E | Dr. E. L. Smock |
| Campbell, J. L | Faculty |

| NAME. | PRECEPTOR. |
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| Coolbaugh, E. H | Faculty |
| Christian, H. S | Dr. J. W. Chambers |
| Cummings, A. W. | Dr. A. Niles |
| Davis, E. M | Dr. J. F. Beckwith |
| De Voe, W. J | Dr. W. C. Hull |
| Dickinson, J. T | Dr. H. M. Moody |
| Donne, Wm. D | Dr. J. M. Williams |
| Erwin, F. H | Drs. B. S. Erwin and H. J. Laciar |
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| Foss, W. B | Dr. C. L. Boston |
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| Hoopes, W. Homer | Dr. J. G. Heading |
| Householder, M. C | Dr. McCaully |
| Hower, H. V | Dr. J. C. Kisner |
| Hutton, D. S | Dr. R. S. Stewart |
| Kimmel, H. F. | D. E. Beltz |
| Kline, Geo. B | Drs. Barber and Chambers |
| Laciar, A. J | Dr. H. J. Laciar |
| Manning, C. J | Dr. J. D. Shull |
| Martin, T. Paul | Dr. W. M. Wetherspoon |
| McGrew, J. F | Dr. J. B. McGrew |
| McLain, A. M | Dr. E. M. Clifford |
| McClellan, Robt. P | Drs. Robinson and Gaddes |
| McDonnell, H. B | Dr. J. D. Criss |
| Michael, L. Frank | Dr. E. L. Smock |
| Mohney, C. S | Dr. A. M. Mohney |
| Moyer, E. W | Faculty |
| Patterson, Stuart | Dr. R. M. Patterson |
| Pfeiffer, Theo. P | Dr. R. M. Lashell |
| Randall, W. F | Dr. Francis Schaffer |
| Riggs, O. H | Faculty |
| Robertson, Jno. L | Dr. S. Robertson |
| Rose, Eli | Dr. Geo. W. Moss |
| Rumsey, Philemon | Dr. S. Townsand |
| Saltry, J. F | Dr. I. J. Sullivan |
| Schell, M. S | Dr. H. G. Laciar |
| Seiling, A. M | Dr. J. H. Seiling |
| Snyder, Francis J | Drs. Rohé and Hildebrandt |
| Smith, J. C | Dr. August Chestnutwood |
| Smith, M. C | Dr. D. D. Loop |
| Spangler, Jno. G | Dr. A. Crawford |
| Standiford, Irving | Dr. A. Freeston |
| Thomas, L. C | Dr. G. H. Woods |
| Urling, Geo. A | Faculty |
| Urling, H. W | Faculty |
| Ward, J. E | Facul |
| Williams, Chas., M. D | Univ. of Pen |
| Wise, Jno | Facul |
| Woods, G. B | Dr A. M. Mohne |

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|---|---|
| Davis, W. P | Dr. S. Pop |
| Griffith, Levi A | Dr. D. M. Crosso |
| Harris, W. R | Dr. M. Edward |
| Kennedy, L. N., A. B | Dr. J. P. Robinso |
| Littlejohn, F. W | Dr. J. E. Garne |
| Lowman, W. R | Dr. J. H. Lowma |
| Neel, G. P | Dr. J. D. Nee |
| Padgett, J. B | Dr. C. E. Kinse |
| Sandel, L. F | Dr. J. H. Lowma |
| Shirley, L. F | Dr. W. H. Tod |
| Toole, Jno. E | Dr. J. M. Smit |
| Wickliffe, Jno. W | Dr. H. B. Harpe |

## TENNESSEE.

| | |
|---|---|
| Brodnax, B | Facult |

## TEXAS.

| | |
|---|---|
| Boone, W. M | Dr. J. W. Spaldin |
| Church, B. F | Dr. W. T. Bair |
| Grant, J. F | Dr. J. H. Jenkin |
| Mathews, F. M | Facult |

## VERMONT.

| | |
|---|---|
| Thasher, O. B | Dr. G. D. Blumhar |

## VIRGINIA.

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|---|---|
| Abshire, A. S | Dr. J. G. Davi |
| Arthur, W. H | Dr. G. D. Whit |
| Baxter, E. Wilson | Dr. H. T. Hunte |
| Bitzer, J. H., Jr | Dr. Rus |
| Blackwell, Robt | Facult |
| Brown, E. W | Dr. W. A. Becker |
| Bussey, A. A | Dr. Wm. H. Mus |
| Butler, S. L | Facult |
| Chilton, O. M | Dr. Da |
| Dawson, Marion L | Dr. J. Hall Moor |
| Doles, J. T | Dr. S. B. Kell |
| Gregory, W. S | Facult |
| Hardy, Geo. E | Dr. R. B. Winde |

| NAME. | PRECEPTOR. |
|---|---|
| Keen, Elisha | Dr. W. T. Canada |
| Kellam, T. H | Faculty |
| Moore, W. Paul | Faculty |
| Rush, Jno | Faculty |
| Semones, Jas. W | Faculty |
| Spencer, W. R | Faculty |
| Smith, J. W. | Faculty |
| Stephenson, B. H | Faculty |
| Talley, H. W | Dr. Talley |
| Ward, S. B | Faculty |
| Williams, W. D | Faculty |
| Wilson, L. W | Faculty |

## WEST VIRGINIA.

| NAME. | PRECEPTOR. |
|---|---|
| Barker, Guy E | Dr. C. C. Hersman |
| Brown, G. L | Dr. A. Brown |
| Campbell, W. A | Dr. D. J. Thrasher |
| Campbell, L. M | Dr. C. W. Sangler |
| Craig, H. F | Dr. A. B. Denley |
| Curtis, W. R | Dr. F. P. Lawther |
| Darlinton, J. W | Faculty |
| Edmiston, Geo. B. | Dr. M. Edmiston |
| Fetty, Ralph H | Dr. Wm. Layfield |
| Hartman, S. P | Dr. J. F. Hartman |
| Hartman, C. R | Dr. F. J. Hartman |
| Kendall, W. A. | Dr. J. E. Kendall |
| Kinseley, L. M | Dr. M. A. Blair |
| McMillen, R. M | Dr. Jas. A. Cox |
| Patterson, Julian V | Drs. Mackey and Clark |
| Pickering, W. D | Dr. J. E. Kendall |
| Poston, J. S | Dr. Jas. A. Cox |
| Quesenberry, Geo. O | Dr. V. Quesenberry |
| Ray, C. A | Drs. Denley & Morris |
| Shepherd, C. W | Dr. A. T. Maris |
| Underwood, D. J. | Dr. E. B. Conaway |
| Watson, Jno. B | Dr. A. Brown |
| Wilson, F. L. A | Dr. W. A. Johnston |
| Welch, F. J | Univ. of Maryland |

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# GRADUATING CLASS, 1886-87.

Bachman, John Andrew.....Pa.
Barker, Guy E .....W. Va.
Bartho, Benjamin F.....Pa.
Baxter, E. Wilson.....Va.
Bogar, Albert S.....Pa.
Bonner, Samuel R.....Ala.
Botsford, Wade.....N. Y.
Boucher, S. A.....Md.
Brown, Edward W.....Va.
Brown, Geo. L.....W. Va.
Campbell, L. McClure.....W. Va.
Chilton, O. M.....Va.
Christian, Howard S.....Pa.
Coe, Jno. A., Jr.....Md.
Cox, L. L.....N. C.
Crawford, A. J.....Ohio.
Cummings, A. W.....Pa.
Darlinton, J. W.....W. Va.
Davis, Edward M.....Pa.
De Mill, Sherman.....N. J.
De Voe, W. J. .....Pa.
Doles, Julian T.....Va.
Ensley, John C. F.....Montana.
Falkenstein, A. N.....Pa.
Ferree, T. T.....N. C.
Foss, W. B.....Pa.
Griffith, William.....Ala.
Highriter, Dana C.....N. Y.

Hodge, Richard D.....N. C
Hoopes, W. Homer.....Pa
Hower, H. V.....Pa
Hubbs, J. S.....N. Y
Huey, J. F.....Ala
Hughes, Charles W.....Ohio
Hume, J. Thompson.....Va
Hutton, D. S.....Pa
Jackson, Charles O.....N. Y
Johnson, William C.....Fla
Kennedy, Laurentio N.....S. C
Kline, George B.....Pa
Koonts, Andrew Jacob.....N. C
Lucas, Giles.....N. C
Martin, Roger.....Va
McCann, C. L.....Ohio
McCoy, Vincent W.....Ohio
McMillen, Robert M.....W. Va
Miller, William Prettyman.....Del
Miller, D. M.....Tenn
Mohney, C. S.....Pa
Newsom, William V., Jr.....Fla
Paton, Thomas Lloyd.....Mass
Payne, Douglas Amos.....D. C
Phillips, George M.....Ky
Pickering, W. D.....W. Va
Quesenberry, Geo. O.....W. Va
Rawlings, J. V.....Ind

Brantly C. N.

Martin T. Paul.

ay, Chas A. ..... W. Va.
ay, Jno. L. ..... N. C.
edding, A. H ..... N. C.
eville, Thos. P. ..... Ga.
obertson, Robert R. ..... Va.
umsey, Philemon. ..... Pa.
altry, James F ..... Pa.
chavoir, F. ..... Mass.
chell, Milton S., 3d year, G. C. ..... Pa.
ieling, A. M. ..... Pa.
haw, J. W. Kenward ..... La.
mith, Caleb D. ..... Texas.
mith, Frank M. ..... Ark.
mith, M. C. ..... Pa.
mith, William L. ..... Md.
mith, J. S. ..... Va.
nyder, Francis J. ..... Pa.
Spangler, John Gilbert. ..... Pa.
Straley, Sidney B. ..... N. J.
Strauss, Conrad P. ..... Md.
Straw, J. R. ..... Va.
Stuart, Emmert C ..... Va.
Thomas, L. C. ..... Pa.
Underwood, David J. ..... W. Va.
Wainwright, Chas. W. ..... Md.
Ward, E. W. ..... Ala.
Warwick, Charles Miller. ..... Ohio.
Watson, John B ..... W. Va.
White, Douglass A. ..... N. Y.
Wilson, F. L. A. ..... W. Va.
Wolf, Wm., 3d year, G. C. ..... Md.
Woods, G. B. ..... Pa.
Woods, Leroy S. ..... Ohio.
Young, John D. S., 3d year, G. C. ..... Md.

Ulrich SS- acad.

## GRADED COURSE.

ines, J. L., Ohio, 2d yr., G. C., *passed successful examination in Materia Medica and Therapeutics, Chemistry, Anatomy, Physiology.*

atterson, Julian S., W. Va., 2d yr., G. C., *passed successful examination in Materia Medica and Therapeutics, Chemistry, Diseases of Women.*

## PRIZES.

| | |
|---|---|
| First College Prize, | Emmert C. Stuart, Va. |
| Brown Memorial Prize, | Howard S. Christian, Pa. |
| Howard " " | G. B. Woods, Pa. |
| Bobbitt Prize, | Benj. F. Bartho, Pa. |
| Nicholson Prize, | W. Homer Hoopes, Pa. |
| Rickert Prize, | Emmert C. Stuart, Va. |

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## WORTHY OF HONORABLE MENTION.

Charles A. Ray, W. Va. H. V. Hower, Pa. W. B. Foss, Pa.
Chas. W. Wainwright, Md.

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## TEXT-BOOKS.

*The First-Named Book in Each Branch is referred.*

**Surgery.**—Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery.

**Practice of Medicine.**—Bristowe, Niemeyer, Flint, Cohen on the Throat, Ziegler.

**Obstetrics.**—Playfair, Lusk, Barnes, Cazeaux. (Latest Editions.)

**Diseases of Women.**—Thomas, Emmet, Barnes, Goodell, Mundé.

**Medical Jurisprudence.**—Taylor, Beck, Tanner on Poisons.

**Anatomy.**—Gray, Wilson, Weisse, Practical Anatomy.

**Materia Medica.**—Wood, Biddle, Farquharson, U. S. Dispensatory.

**Physiology.**—Dalton, Martin.

**Chemistry and Toxicology.**—Simon, Charles, Wormley, Tyson.

**Diseases of the Eye and Ear.**—Wells on the Eye, Mittendorf on the Eye and Ear, Nettleship on the Eye, Burnett on the Ear.

**Skin Diseases.**—Rohé, Duhring, Hyde, on Diseases of the Skin.

**Diseases of Children.**—Smith, West, Bouchut.

**Nervous System.**—Arnold's Manual of Nervous Diseases, Rosenthal, Charcot.

**Mental Diseases.**—Spitzka.

**Genito-Urinary Diseases.**—Van Buren and Keyes, Bumstead and Taylor on Venereal Diseases, Otis on Stricture.

**Hygiene.**—Rohé's Text-Book of Hygiene.

**Pathology.**—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Mikro-organisms in Disease, Sternberg's Bacteria.

## City Hospital Staff.

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Prof. A. FRIEDENWALD, M. D.
J. W. CHAMBERS, M. D.

### PHYSICIANS.

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" THOS. S. LATIMER, M. D.
Prof. A. B. ARNOLD, M. D.

RESIDENT PHYSICIAN, . . . . . Wm. P. SPRATLING, M. D.
ASST. RESIDENT PHYSICIAN, . EMMERT C. STUART.

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RESIDENT PHYSICIAN, . . . . . B. F. BARTHO.

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ATTENDING SURGEON, . . . . . Ppof. THOMAS OPIE, M. D.
RESIDENT PHYSICIAN, . . . . . CHAS. A. RAY.

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Prof. C. F. BEVAN, M. D.
J. H. BRANHAM, M. D.

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Prof. JOHN S. LYNCH, M. D.
" A. B. ARNOLD, M. D.
Prof. THOS. S. LATIMER, M. D.
" G. H. ROHÉ, M. D.

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N. T. CARSWELL, M. D., Resident Physician at Bay View.
N. G. KEIRLE, A. M., M. D., } Lecturers on Pathology.
WM. T. COUNCILMAN, M. D. }

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" " CHEMISTRY, W. S. GARDNER, M. D.

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M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Dental Mechanism and Metallurgy.
JOHN H. COYLE, D. D. S., Professor of Operative Dentistry and Dental Materia Medica.
THOMAS S. LATIMER, M. D., Professor of Physiology.
JAMES E. LINDSAY, M. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Professor of Anatomy.
OSCAR J. COSKERY, M. D., Clinical Professor of Oral Surgery.
RICHARD GUNDRY, M. D., Professor of Materia Medica.

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CHAS. R. BUTLER, D. D. S., *Ohio.*
E. L. HUNTER, D. D. S., *N. C.*
W. W. WALKER, D. D. S., *N. Y.*
H. A. PARR, D. D. S., *N. Y.*

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E. M. FLAGG, D. D. S., *N. Y.*
R. B. DONALDSON, D. D. S., *D. C.*
JOHN H. MEYER, D. D. S., *N. Y.*
J. L. WILLIAMS, D. D. S., *Conn.*

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R. BAYLY WINDER, D. D. S., Demonstrator of Mechanical Dentistry.

## ASSISTANT DEMONSTRATORS.

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J. W. CHAMBERS, M. D., Demonstrator of Anatomy.
J. H. BRANHAM, M. D., Assistant Demonstrator of Anatomy.

THE BALTIMORE COLLEGE OF DENTAL SURGERY, the first and for many years the only Dental School, offers facilities for the study of Dentistry proper, such as age and experience only can give. Its immense *museum*, complete apparatus, large and well-arranged building, and carefully studied *curriculum* give to its students great advantages and opportunities, both theoretical and practical; while its age gives its Diploma a dignity far out-ranking all other Colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *College Infirmary*, a most complete, large and handsome *Hall*, being daily filled with clean and respectable patients, of a class nearly equal to those of the average dentist. *This Infirmary is open all the year*, students paying an entrance fee which is deducted from those of the regular succeeding course.

The Session begins Oct. 1, closing in March. The first month is devoted mainly to Practical Dentistry—the regular lectures commencing Nov. 1. A large corps of Demonstrators, always present, put in actual practice the teachings of all lecturers on Dentistry—leaving nothing undemonstrated. *All methods are fully taught*, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D. (See Catalogue.) In accordance with the resolution adopted by the National Association of Dental Faculties in the City of New York on the 4th of August, 1884, and which goes into effect for the session of 1885 and 1886, the qualifications for entering the Junior Class are a preliminary examination in the ordinary English branches.

**TERMS OF GRADUATION.**—Attendance on two Winter courses of lectures in this College; as equivalent to one of these we accept *one course* in any reputable Dental College. *Graduates in Medicine* who have attended one Winter Course in this College and have passed one year, inclusive of the Winter Course, in the practical work of the Infirmary and Laboratory will be permitted to present themselves for graduation.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular tuition fees. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

Prof. R. B. WINDER, Dean,

*No. 140 Park Ave., Baltimore, Md.*

# THE MARYLAND LYING-IN ASYLUM,

## 115 West Lombard Street,

## BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons.**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to BENJ. F. BARTHO, M. D., House Physician.

THOMAS OPIE, M. D.

Dean of the Faculty.

BAY VIEW ASYLUM.

1888-9.

# ANNUAL ANNOUNCEMENT

AND

# CATALOGUE

OF THE

# College of Physicians and Surgeons,

BALTIMORE, MD.

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BALTIMORE:
PRESS OF ISAAC FRIEDENWALD,
32 S. Paca Street.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## FACULTY OF PHYSIC.

THOMAS OPIE, M. D.
*Professor of Obstetrics and Diseases of Women. Dean of the Faculty.*

JOHN S. LYNCH, M. D.
*Professor of Principles and Practice of Medicine, and Clinical Professor of Chest and Throat.*

THOMAS S. LATIMER, M. D.
*Professor of Physiology and Diseases of Children.*

AARON FRIEDENWALD, M. D.
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.
*Professor of Anatomy, Genito-Urinary and Orthopedic Surgery.*

OSCAR J. COSKERY, M. D.
*Professor of Surgery.*

ABRAM B. ARNOLD, M. D.
*Professor of Clinical Medicine, and of Diseases of the Nervous System.*

RICHARD GUNDRY, M. D.
*Professor of Materia Medica, Therapeutics and Mental Diseases.*

WM. SIMON, M. D., PH. D.
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.
*Professor of Dermatology and Hygiene.*

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J. W. CHAMBERS, M. D.
*Demonstrator of Anatomy and Lecturer on Applied Anatomy of Nervous System.*

N. G. KEIRLE, A. M., M. D.
*Demonstrator of Pathology and Lecturer on Pathological Histology.*

WM. D. BOOKER, M. D.
*Demonstrator and Lecturer on Physiology.*

J. H. BRANHAM, M. D.
*Assistant Demonstrator of Anatomy and Lecturer on Regional Anatomy.*

R. B. WINDER, M. D., D. D. S.
*Prof. of Principles and Practice of Dental Surgery as applied to Medicine.*

GEORGE THOMAS, A. M., M. D.
*Lecturer in Spring Course on Throat and Chest.*

WM. S. GARDNER, M. D.
*Demonstrator of Chemistry.*

WM. T. COUNCILMAN, M. D.
*Pathologist at Bay View.*

# Annual Announcement

# 1888.

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The College of Physicians and Surgeons was organized in 1872. It has year by year extended its facilities, and is now one of the largest and best equipped schools in this country.

The General Assembly of Maryland, by an act passed in 1877, consolidated the Washington University School of Medicine and the College of Physicians and Surgeons under the latter name, giving this school all the rights, powers and property of both institutions.

The possession by the College of a General Hospital constantly filled with patients, affords students ample opportunity for instruction and experience.

The Maryland Lying-in Asylum furnishes an abundance of material for clinical teaching in Obstetrics.

The Woman's Hospital gives rare opportunities for the clinical study of Gynæcology.

The City Hospital Dispensary is in most successful operation, furnishing over twenty thousand patients in one year.

The Physiological, Pathological and Chemical Laboratories have been fully equipped and put in practical operation.

All of the above-named institutions are owned by and are under the exclusive charge of the College of Physicians and Surgeons.

In addition to the above means of clinical instruction, the Faculty have the pleasure of announcing that Bay View Hospital has been opened to the students of this school. This Hospital, which has twelve hundred and fifty beds, affords the means of illustrating every form of disease, thus placing this school, as far as clinical facilities are concerned, on an equality with the best equipped colleges.

The control of the above-named hospitals enables the Faculty to confer upon the graduates of this school a number of positions as Resident Physicians, in addition to the incalculable advantages offered to resident students.

The deep and continued interest of former patrons, the almost invariable return of students who have taken one course, the activity and excellent standing of her graduates, further attest the merits of the school.

These evidences of appreciation are highly gratifying, and are incentives to the Faculty to renew their exertions and still further add to the facilities of the College.

It is the aim of the Faculty to give this school a high rank for sound medical acquirements in all departments. To attain this end the student will be thoroughly grounded in the principles of medicine, and shown how to apply them in the treatment of disease. The plan of dividing the course among a large number of competent teachers has been adopted as the best to assist the student in traversing the vast field of recent medicine, and to give him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter session will be preceded by preliminary lectures, chiefly clinical in character, which begin September 15th and end October 1st. The Winter course will begin October 1st and end March 15th, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific. At least two clinical lectures will be delivered every day, at which ample opportunity will be afforded for witnessing surgical operations, the treatment of disease, and modes of investigating pathological

phenomena. Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

The absolute control enjoyed by this school over the City Hospital, the Maryland Lying-in Asylum and the Maryland Woman's Hospital, and the facilities for clinical instruction afforded at Bay View, give the best opportunity for teaching practical medicine in all its branches.

## COLLEGE BUILDINGS.

The College Buildings are situated at the N. W. Corner of Calvert and Saratoga Streets, No. 112 Saratoga and No. 115 W. Lombard Streets. As the Lecture Halls adjoin the wards of the City Hospital, under the same roof, and are connected with the Woman's Hospital by a covered way, admirable facilities are afforded for clinical lectures.

## THE CITY HOSPITAL.

This Hospital, N. W. Corner Calvert and Saratoga Streets, is under the exclusive charge of the College of Physicians and Surgeons. It is efficiently and carefully managed by the Sisters of Mercy. Being centrally situated, most cases of accident in the city are sent to it. To favor this, an ambulance is provided for the removal of injured persons from all parts of the city to the Hospital, on notification. Its connection with the various police-stations by telegraph and telephone enables the officials to promptly summon the ambulance and attendants at all times. The advantages and conveniences of a well-filled General Hospital, the wards of which communicate directly with the lecture halls, are very great.

## THE NEW CITY HOSPITAL.

The New City Hospital, now in process of erection on the spacious lot immediately adjoining the present college building on Calvert Street (formerly the City Spring), marks a new era in the history of this College.

It is with great pleasure we announce to our alumni and to the profession in general that this addition will greatly enlarge our present clinical facilities, and make them equal to those of any school in the country.

The New Hospital will be a magnificent five-story structure, consisting of a building fronting 114 feet on Calvert Street, one of equal frontage on the street in the rear (an open court separating them and facing the college building), and a central connecting building on the north end of the lot. It will accommodate 300 patients. The plans that have been adopted for the construction of this Hospital will secure for it the most approved and complete system of sanitation. Accommodations of the most improved modern character, for both private and public patients, will be provided. A large number of first-class private rooms, completely isolated from that part of the building in which the public wards are located, will make this one of the best hospitals for the accommodation of invalids from a distance to be found anywhere. The public wards, 76 x 27 feet, well ventilated and lighted, will furnish ample provision of the best character for the growing needs of this school.

The Sisters of Mercy will have charge of this institution, which fact alone furnishes ample guarantee that it will be well managed, and that everything will be done to promote the comfort and welfare of its inmates.

## OBSTETRIC CLINIC.

The Maryland Lying-in Asylum was inaugurated by the College of Physicians and Surgeons in 1874. It is the pioneer institution of its kind in the State of Maryland, and one of the first established in this country. It is situated at 115 West Lombard Street, between Hanover and Sharp Streets.

The Lying-in Asylum is open during the entire year, and furnishes every student in attendance upon the lectures of this school, invaluable clinical advantages in the study of Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of

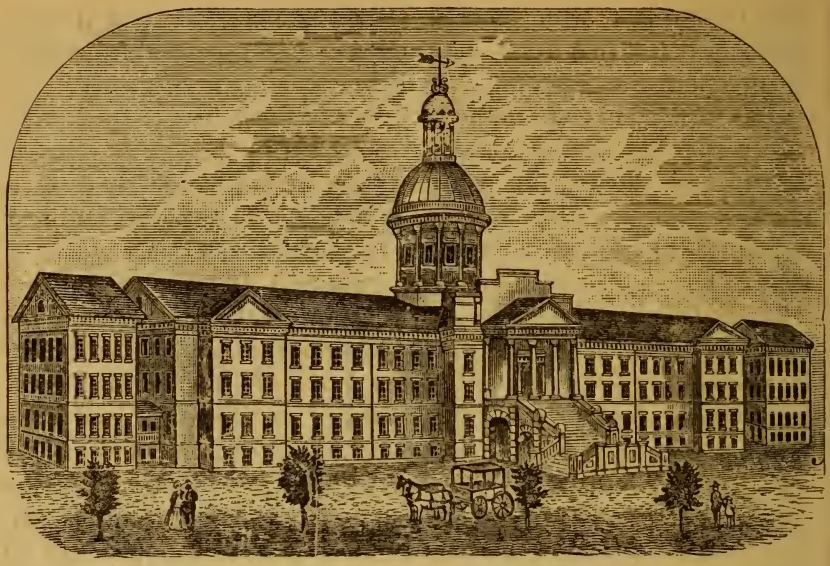
this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch step by step its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Not only are students made familiar with all those physiological changes which the maternal system undergoes during the puerperal period, but they are taught the hygiene of the lying-in chamber and the management of the infant, as well as the rationale and treatment of all diseases which materially influence the results of childbirth.

## GYNÆCOLOGICAL CLINIC.

The Maryland Woman's Hospital is situated in the same block, immediately adjoining the City Hospital, and, like the latter, is under the exclusive control of the College of Physicians and Surgeons. Its wards communicate by a covered way with the Lecture Halls, so that even the most serious cases may be brought upon their beds before the class. These halls being provided with a condensing illuminator, in addition to an excellent skylight, gas and water, operations upon the interior of the vagina and uterus may be performed with equal facility in cloudy as in bright weather, and witnessed by the students with great distinctness. Frequent opportunities for witnessing every recognized surgical operation upon the female are here furnished, and the student will be taught to diagnosticate and treat all the disorders of the female generative organs.



## BAY VIEW HOSPITAL

is situated on the eastern suburbs of Baltimore, and contains 1000 beds, exclusive of 250 in the Insane Department, which has been recently established.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of their students.

The number of deaths occurring in an institution of this size affords the fullest opportunity for witnessing post-mortem examinations and the study of pathological phenomena.

## CITY HOSPITAL DISPENSARY.

This institution is under the immediate control of the Professors of the College of Physicians and Surgeons. One or more of the Professors are present between the hours of 12 M. and 2 P. M., to prescribe, free of charge, for such of the poor as may present themselves for treatment and advice. Competent druggists are constantly on hand to fill prescriptions. From this source abundant material is derived for clinical instruction in Practical Medicine and Surgery.

## CLINICS.

During the sessions clinical lectures are delivered daily. The material is utilized systematically by the Professors, in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them. The following order is observed, viz.:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope by Professor Friedenwald.

Professor Lynch gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

Practical instruction in the diagnosis and treatment of general diseases and diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Arnold.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the vaginal and uterine specula, probes, tents and pessaries, are illustrated.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to realize the active movements of the fœtus, and the other signs of pregnancy, in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Professor Opie.

Instruction is given in the diagnosis and treatment of diseases of children, by Professor Latimer.

There will be clinical and didactic lectures on Genito-Urinary and Orthopedic Surgery, by Professor Bevan.

Professor Rohé gives instruction in the diagnosis and treatment of skin diseases. The didactic lectures on this branch are fully illustrated by colored plates and photographs from nature, while all the commoner forms of this troublesome class of diseases are presented in the clinic. The students are required to make the diagnosis and suggest treatment in cases brought before them.

Preventive Medicine is daily claiming a larger share of the attention of the profession and the public. The College of Physicians and Surgeons is one of the first institutions in the United States to make adequate provision for the study of Hygiene. The course of instruction in this branch is systematic, practical and complete. The lectures are illustrated by diagrams, microscopical preparations and chemical demonstrations.

The practical study of Insanity receives a proper share of attention in the course. In his lectures and clinics Professor Gundry will give especial attention to the diagnosis, classification and treatment of the insane.

Surgical clinic, by Professor Coskery. The central position of the City Hospital (in the *very heart* of the city) makes it the one to which the great majority of accidents are at once removed. As a school for acute surgery it is unsurpassed in Baltimore. The material for the clinic of Professor Coskery is derived from this source. Surgical clinic, Friday, at 1 P. M.

In this school the facilities for acquiring a knowledge of Practical Pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ.*

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in Dentistry of this school, who have also attended lectures on Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures and passing a successful examination in the remaining branches of the Medical Course.

## PRACTICAL ANATOMY.

The Dissecting Rooms are spacious, well lighted and ventilated, and furnished with all conveniences for dissections. They are open

daily during the summer and winter sessions, and under the control of the Professor of Anatomy, assisted by two Demonstrators. Parties desiring to operate or dissect privately can readily do so. Necessary anatomical material will be furnished free of charge.

## THE PHYSIOLOGICAL AND PATHOLOGICAL LABORATORY

of this school affords excellent opportunities for the study of Physiology and Practical Microscopy. Attendance upon this course is obligatory.

It will be under the supervision of Professor Latimer, assisted by Wm. D. Booker, M. D., Demonstrator of Physiology; C. H. Jones, M. B., Assistant Demonstrator; and N. G. Keirle, A. M., M. D., Demonstrator of Pathology.

Didactic lectures on Pathology will also be delivered by Dr. N. G. Keirle.

## CHEMISTRY.

The lectures delivered by Professor Simon on Chemistry are a concise presentation of the fundamental principles of the science from a modern point of view, and have been brought to the present state of perfection by a careful consideration of the needs of the student of medicine, extending over many years of experience in teaching students of medicine and pharmacy. Matter of purely scientific interest, or foreign to the requirements of the student of medicine, has been eliminated.

The course includes a consideration of all the important metals, and organic chemistry, with special attention to the elements and compounds included in the United States Pharmacopœia, physiological chemistry, urinary analysis, and the most important of the poisons, with their antidotes. Abundant apparatus has been supplied, and all lectures will be profusely illustrated by practical experiments.

The lectures will be supplemented by work in

## THE CHEMICAL LABORATORY.

During the spring session a practical course in qualitative, including urinary, analysis will be given, under the immediate supervision of Professor Simon, assisted by William S. Gardner, M. D., Demonstrator of Chemistry.

During the winter session a thorough course in urinary analysis (attendance upon the entire laboratory course is obligatory) is given.

## THE SPRING COURSE

begins on the 16th of March and ends on the 16th of June.

It is not counted as one of the regular courses which entitles the student to apply for graduation, it is rather intended to afford young men better opportunities to prepare themselves for the regular sessions, and to enable advanced students and graduates to obtain further facilities for clinical instruction, and the practical application at the bedside of what they have acquired from didactic lectures.

This course consists of clinical lectures by members of the Faculty and able assistants, which are given each day between the hours of 12 M. and 2 P. M.

Students are admitted to this course on payment of the matriculation and demonstrator's fees ($15.00), which amount is credited on the fees of the next winter session.

Further advantages of the Spring course are, that students have then an opportunity for pursuing their laboratory and dissecting work, by which they curtail to this extent the labor of the winter session.

## GRADUATION.

*The candidate for the degree of Doctor of Medicine must have studied medicine three years and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education, and have passed a satisfactory examination before the Faculty.*

*All students are required to register at the close of each winter session, as the evidence of full attendance.*

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student thoroughly to prepare himself for practice by attendance upon two courses of lectures, offer students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special, and in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of Eye and Ear, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

Students from other schools, on presenting satisfactory evidence of having passed in any of the branches embraced in the first and second year of the graded course, will be exempt from such examinations.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of the second year the student will be examined in the branches he has studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the last year.

The Faculty do not *require* students offering themselves to this College to adopt his graded course, but they strongly advise them to do so, as they believe that by this plan the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of 500,000, affords its Medical Schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

*The First College Prize*—(Brown Memorial)—a gold medal—is awarded to the graduate who stands highest in the final examination.

*The Second College Prize*—(Howard Memorial)—a gold medal—is conferred by the Faculty on the candidate who stands second.

*The Third College Prize*—(Erich Memorial)—a gold medal—is awarded by the Faculty to the graduate who stands third.

*The Nicholson Prize*—a gold medal—is presented to the graduate who stands the best examination in Anatomy.

*The Rickert Prize*—a complete case of obstetrical instruments—is given to the graduate who stands highest in the department of Obstetrics.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty have it in their power to bestow upon meritorious graduates valuable appointments as resident hospital physicians—viz.: two at the City Hospital, two at the Maternité, and one at the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical practice.

The Faculty also have the right to elect annually one resident physician to Bay View, with a salary of five hundred dollars and board and lodging.

Twelve resident students can be accommodated in the City Hospital, by paying $6.00 per week board. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as may be required.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee $5.

Tickets for one or more of the branches may be taken out separately.

There are no fees for Physiological and Chemical Demonstrations, but in each of these departments $2 is charged to cover cost of materials used.

The Graduation Fee is $30 in all cases.

The above fees comprehend all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their Preceptors or other Physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $60 for Professors' Tickets.

## SUMMARY OF NECESSARY EXPENSES.

### College Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 120 00 |
| Diploma Fee, | 30 00 |
| Total, | $155 00 |

### Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 60 00 |
| Diploma Fee, | 30 00 |
| Total, | $95 00 |

Good board can be had at $3.00 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. W. Corner Calvert and Saratoga Sts., as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations* in either City Hospital, Maryland Lying-in Asylum or Maryland Woman's Hospital, according to the requirements of the patient; the terms being from $4 to $12 per week, according to the conveniences desired.

For further information address,

THOMAS OPIE, M. D., Dean,
*College of Physicians and Surgeons,*
Baltimore, Md.

# CLASS OF 1887-88.

## ALABAMA.

| NAME. | PRECEPTOR. |
|---|---|
| Arnold, D. S | Dr. B. Holly Smith |
| Boyd, Andy | Dr. J. H. Boyd |
| Crossland, J. H | B. C. D. S. |

## CANADA.

| | |
|---|---|
| Manard, Jas. H | J. J. Teetzel |

## CONNECTICUT.

| | |
|---|---|
| Gaylord, Edward L | B. C. D. S. |
| Smith, J. J | Dr. H. G. Varns |

## DELAWARE.

| | |
|---|---|
| Day, Wm. W | Drs. J. W. Chambers and A. M. Day |
| McColley, D. Irving | Jas. B. Waples |

## DISTRICT OF COLUMBIA.

| | |
|---|---|
| Holbrook, C. W. F | B. C. D. S. |

## ENGLAND.

| | |
|---|---|
| St. Clair, Jno. Pringle | H. C. Hopkins |

## FLORIDA.

| | |
|---|---|
| Cleveland, Wm | Dr. G. W. Holmes |
| Cloud, R. A | Drs. Williams and Cloud |
| Hodges, J. H | Bellevue Hos. Med. Col. |

## GEORGIA.

| | |
|---|---|
| Branham, Jno. W | Dr. J. W. Branham |
| Branham, Harris M | Dr. J. H. Branham |
| Chason, J. D | Dr. J. A. B. Sikes |
| Cheney, R. L | Dr. G. L. Clark |
| Cobb, J. D | Univ. of Georgia |
| Currie, M. L | Dr. F. C. Bressler |
| Exley, F. C | B. C. D. S. |
| Holt, W. F., Jr | Dr. Lee Holdt |
| Keaton, Pat. H | Dr. J. E. Douglass |
| Steifer, Homer M | Dr. G. F. Steifer |
| Williams, Harold | Dr. T. S. Mitchell |

## GERMANY.

| | |
|---|---|
| Rothenbach, F | B. C. D. S. |

## INDIANA.

| | |
|---|---|
| Copeland, R. M | Dr. J. H. Christie |
| Nisley, O. N | Drs. Burt and Pattison |

## INDIAN TERRITORY.

| | |
|---|---|
| Moore, S. H | Dr. S. M. Hilleman |

## IOWA.

| | |
|---|---|
| Henry, Jas. M | Dr. H. M. Henry |
| Lynn, T. M | Dr. L. E. Jenkins |

## KANSAS.

| | |
|---|---|
| Kirk, Irvin W | Dr. E. Kirkpatrick |
| Rose, Eli, Jr | C. P. & S. |

## KENTUCKY.

| | |
|---|---|
| Harlan, H. L | Dr. S. P. Grant |

## LOUISIANA.

| | |
|---|---|
| Abshire, Jas. T | Faculty |
| Beynon, Jno. H | Dr. T. G. Ford |
| Burns, W. Clyde | Faculty |
| Mouton, Franklin | Faculty |

## MAINE.

| NAME. | PRECEPTOR. |
|---|---|
| Brown, Harry Osburn | Dr. J. E. Brown |
| Cushman, W. W. | Dr. R. B. Winder |
| Moore, Frank H. | Dr. S. T. Whitney |
| McCurdy, C. L. | Dr. J. B. Walker |
| McCurdy, G. E. | Dr. W. A. Allen |
| Randell, C. L. | Dr. O. A. Flint |

## MARYLAND.

| | |
|---|---|
| Brayshaw, J. Lacy | Dr. J. H. Branham |
| Bubert, Chas. H. | Dr. Wm. Rickert |
| Davis, F. Ward | Dr. M. R. Latimer |
| Dyrenforth, Geo. S. | Prof. A. B. Arnold |
| Fochtman, F. W. | Dr. J. J. Wilson |
| Friedenwald, B. D. | Dr. R. B. Winder |
| Grempler, A. E. F. | Dr. G. F. Taylor |
| Gundry, R. F. | Dr. Richard Gundry |
| Gundry, L. H. | Dr. Richard Gundry |
| Hassan, Thos. V. | Dr. Thos. S. Latimer |
| Huntt, Joseph R. | Drs. Latimer & Son |
| Ireland, G. W. S. | Dr. J. B. Sulkerland |
| Jarboe, Jas. G. | Dr. J. E. Heard |
| Johns, H. V. D. | Dr. Booker |
| Jones, B. C. | Dr. Elias Jones |
| Kemp, Geo. T. | Johns Hopkins Univ. |
| Kirby, Edward C. | Faculty |
| Lynch, T. H. | Dr. T. A. Lynch |
| McGann, Jno. H. | Dr. J. F. Lang |
| Ohlendorf, J. C., Jr. | Dr. C. H. Vees |
| Rosenthal, Melvin | Dr. J. H. Branham |
| Russell, W. N. | Dr. W. L. Russell |
| Sanger, F. Dyer | Dr. Wm. S. Gardner |
| Smith, Wm. F. | Dr. J. W. Chambers |
| Sokel, Otto A. | J. W. Worthington |

## MASSACHUSETTS.

| | |
|---|---|
| Belden, A. M. | Dr. J. D. Seymour |
| Chagnon, L. A. | Dr. J. B. Chagnon |
| Hazard, G. S. | Drs. Mackie and Roberts |
| Rice, W. E. | Dr. E. W. Feney |
| Wilson, E. L. | Dr. C. A. Drew |

## MISSISSIPPI.

| | |
|---|---|
| Dorsey, Geo. B. | Dr. E. B. Robbins |
| Edwars, C. F. | Z. B. J. Griffing |
| Phillips, G. P. | Dr. G. P. Phillips |
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| Rush, D. J. | Dr. E. L. Lewis |

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| Warrick, Jas. E. | Dr. Edward Tanner |

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| Hartt, S. Whitfield | Dr. H. Gove |
| Hetherington, E. M. | Dr. McCormick |
| Jewett, H. M. | Dr. C. P. Connell |
| Lawrence, J. C. H. | Faculty |
| McIntosh, D. M. | Dr. G. M. Duncan |
| Nason, Z. | Dr. C. P. Connell |
| Sproul, G. J. | E. L. Fuller |

## NEW HAMPSHIRE.

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## NEW JERSEY.

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| Adams, Geo. E. | Faculty |
| Allen, Howard | W. V. Makenzie |
| Eaton, A. R. | B. C. D. S. |
| MacMillan, Wm. T. | W. V. Makenzie |
| Roe, J. N., A. B. | J. I. Roe |
| Stout, Frederick O. | Geo. E. Titus |
| Wendel, A. V. | Wm. Titus |

## NEW YORK.

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| Becker, A. B., Jr. | Dr. Geo. Skinner |
| Brown, L. P. | B. C. D. S. |
| Brown, W. W. | Dr. Frank Marsh |
| Dale, F. T. | Dr. F. W. Ross |
| Dana, J. D. | Faculty |
| Harding, Chas. F. | Dr. G. L. Webb |
| Mulloney, R. H. | B. C. D. S. |
| Smith, Herbert H. | Dr. W. A. Vincent |
| Tillapaugh, F. S. | Dr. J. W. Huntington |
| Weber, Geo. S., B. S. | Cornell Univ. |
| Worcester, J. Warren | Faculty |

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| Palmer, R. W. | Dr. A. W. Palmer |
| Parker, J. M. | B. C. D. S. |
| Peacock, J. J. | Dr. A. G. Persons |
| Reeves, L. C. | Dr. Doughton |
| Rose, E. P. | Faculty |
| Sapp, Luther L. | Dr. B. J. Sapp |
| Savage, W. H. | Dr. R. M. Johnson |
| Shankle, H. DeW. | Dr. P. A. Banier |
| Triplett, J. B. | University of N. C. |
| Wilson, R. B. | J. M. Bayette |
| Young, W. D. | H. C. Williams |

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| Smith, R. M. | Drs. Burgess and Brown |

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| Collison, F. J. | Dr. W. S. Gardner |
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| Spelman, D. S. | Dr. R. C. Ramsey |
| Starr, Grattan F. | Dr. M. Starr |
| Taylor, A. W. | Dr. W. D. McClury |
| Teeters, Chas. A. | Dr. L. T. Ankrim |

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| Hanna, W. E. | Dr. J. C. Duncan |
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| Lantz, W. P. | Dr. A. B. Ross |
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| McDonnell, H. B., B. S. | Dr. J. D. Criss |
| McGrew, J. F. | Dr. J. B. McGrew |
| Phillips, F. J. | Dr. J. B. McGrew |
| Robertson, Jno. L. | Dr. S. Robertson |
| Ross, Matt. W. | Drs. Mench and Mohn |
| Shatswell, Jas. A. | Dr. Geo. Jolly |
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| Swank, Peter L. | Dr. J. H. Gardner |
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| Klatte, W. C. | Faculty |
| Leonard, D. O., Jr. | Dr. B. O. Bennett |
| Littlejohn, F. W. | Dr. J. E. Garner |
| Lowman, W. R. | Dr. J. W. Lowman |
| Pack, W. S. | Dr. W. E. Brown |
| Quattlebaum, A. W. | Dr. J. Knuce |
| Shirley, L. T. | Dr. W. H. Todd |
| Wickliffe, J. W. | Dr. H. B. Harper |
| Varn, A. C. | Dr. J. C. Rich |

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| NAME. | PRECEPTOR. |
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| Maples, C. L. | Dr. J. A. Lipscomb |

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| Church, B. F. | Dr. W. T. Baird |
| Thompson, Wm. R. | Drs. Stinson and Thompson |

## VIRGINIA.

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| Abshire, A. S. | Dr. Davis |
| Anderson, F. G. | Dr. C. E. Stafford |
| Arthur, W. H. | Dr. Geo. O. White |
| Baxley, Haughton | Dr. Claude Baxley |
| Blackwell, Robt. | B. C. D. S. |
| Bussey, Amos A. | Dr. Muse |
| Carter, W. C. | Dr. H. Williams |
| Carter, Geo. R. | B. C. D. S. |
| Fisher, J. W. | B. C. D. S. |
| Haley, J. G. | Dr. Smith |
| Hume, W. W. | Dr. C. W. Hume |
| Hunter, L. J. | Dr. R. T. Ellett |
| Jones, A. A. | Dr. H. Williams |
| Kipps, D. M. | Dr. R. B. Carter |
| Mapp, J. H | Dr. T. J. Jackson |
| Moore, W. Paul | B. C. D. S. |
| Muse, B. P. | Dr. J. G. Wiltshire |
| Nash, Le Ray | Dr. Hunter |
| Pulliam, J. L. | Dr. J. D. Pulliam |
| Rinker, W. P. | Dr. R. F. Graves |
| Rust, Jno. | Dr. D. N. Rust |
| Smith, G. Russell | Drs. Smith & Moore |
| Spencer, W. R. | B. C. D. S. |
| Stephenson, R. H. | B. D. D. S. |
| Sumption, H. L. | B. C. D. S. |
| Taliaferro, C. T. | Dr. S. A. Austin |

## WEST VIRGINIA.

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|---|---|
| Baker, F. L. | Dr. T. H. West |
| Edmiston, Geo. B. | Dr. Edmiston |
| Freeland, P. S. | Dr. T. M. Haskins |
| Fry, David P. | Dr. G. A. Davis |
| Guthrie, L. V. | Dr. E. J. Massman |
| Haught, F. T. | Dr. S. A. Harter |
| Hughes, Jno. C. | Dr. Holroyd |
| McCauley, W. H. | Dr. J. D. Dillon |
| Melvin, W. J. | Dr. Byington |
| Schaeffer, D. M. | Dr. W. E. Perry |
| Tanzey, A. E. | Dr. W. H. Brock |
| Warden, Frank | Dr. W. W. Morgan |

# GRADUATING CLASS, 1888.

| | |
|---|---|
| Arthur, W. H., | Tex. |
| Bush, George E., | Pa. |
| Branham, Harris M., | Ga. |
| Belden, Albert Matson, | Mass. |
| Burnell, John J., | N. Y. |
| Brayshaw, J. Lacy, | Md. |
| Brown, Harry O., | Me. |
| Bubert, Charles Henry, | Md. |
| Boyd, Andrew, | Ala. |
| Bulla, J. D., | N. C. |
| Beynon, John H., | La. |
| Bussey, Amos A., | Va. |
| Cheney, R. Lee, | Ga. |
| Church, Benj. F., Jr., | Tex. |
| Copeland, R. M., | Ind. |
| Currie, Malcolm L., | Ga. |
| Chason, Jefferson D., | Ga. |
| Coy, Clinton H., | Ohio. |
| Carter, Willie C., | Va. |
| Collison, Frank Jerome, | Ohio. |
| Cate, G. V., | N. C. |
| Day, William Waples, | Del. |
| Dale, Frederick T., | N. Y. |
| Erwin, Francis H., | Pa. |
| Gundry, Richard Fitz Harris, | Md. |
| Huntt, Joseph R., | Md. |
| Haines, John F., | Pa. |
| Hodges, James Harrison, | Fla. |
| Henry, James Marion, | Iowa. |
| Hughes, John C., | W. Va. |
| Hetherington, Ellery M., | Ca. |
| Haught, F. Theodore, | W. Va. |
| Joyner, Claude, | N. C. |
| Jewett, Henry M., | N. C. |
| Keaton, Peyton H., | Ga. |
| Kipps, David M. J., | Va. |
| Lowman, William R., | S. C. |
| Lippincott, Thomas S., | Md. |
| Littlejohn, F. W., | S. C. |
| Lawrence, James Christy Hurd, | Ca. |
| Leonard, David Oliver, Jr., | S. C. |
| Muse, Bernard Purcell, | Md. |
| MacMillan, William T., | N. J. |
| Michael, L. Frank, | Pa. |
| Maples, Clement L., | Tenn. |
| Marston, Charles F., | R. I. |
| Martin, W. C., | N. C. |
| Malone, Joseph Wesley, | Pa. |
| Moore, Samuel H., | Ind. Ter. |
| McGrew, J. F., | Pa. |
| McCurdy, G. E., | Me. |
| McCurdy, C. I., | Me. |
| McDonnell, H. B., | Pa. |
| McIntosh, D. M., | Ca. |
| McCauley, Wm. H., | W. Va. |
| McCanless, William Volney, | N. C. |
| Nason, Zachariah, | Ca. |
| Ross, T. E., | Miss. |
| Rush, Daniel J., | Minn. |
| Reeves, L. C., | N. C. |
| Rose, E. P., | N. C. |
| Rose, Eli (3d year, G. C.) | Kas. |
| St. Clair, John Pringle, | England. |
| Sokel, Otto A., | Ind. |
| Sanger, Frank Dyer, | Conn. |
| Smith, G. Russell, | Va. |

| | |
|---|---|
| Smith, J. J., | Conn. |
| Shirley, L. Thompson, | S. C. |
| Thompson, William R., | Tex. |
| Tillapaugh, Fred. S., | N. Y. |
| Tanzey, Arthur E., | W. Va. |
| Taliaferro, C. T., | Va. |
| Teeters, Charles A., | Ohio. |
| Triplett, J. Bynum, | Tex. |
| Wendel, Augustus V., | N. J. |
| Worcester, J. Warren, | N. Y. |
| Williams, Harold, | Ga. |
| Wickliffe, John Wakefield, | S. C. |
| Warrick, James E., | Na. |

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# GRADED COURSE.

*Howard Allen* passed in Chemistry, Dermatology and Hygiene, Materia Medica and Therapeutics, Obstetrics and Diseases of Women, and Diseases of the Eye and Ear.

*W. W. Brown* passed in Physiology, Anatomy, Chemistry, Hygiene, Materia Medica and Therapeutics, and Diseases of the Eye and Ear.

*W. Clyde Burns* passed successful examinations in Dermatology and Hygiene, Materia Medica and Therapeutics, and Diseases of the Eye and Ear.

*George T. Kemp, Ph. D.*, passed in Diseases of the Nervous System, Materia Medica and Therapeutics, Diseases of Women, and Diseases of the Eye and Ear.

*A. J. Laciar* passed in Physiology, Anatomy, Chemistry, Dermatology and Hygiene, Materia Medica and Therapeutics, Obstetrics and Diseases of Women, and Diseases of the Eye and Ear.

*Frank Mouton* passed in Physiology, Anatomy, Chemistry, Dermatology and Hygiene, Materia Medica and Therapeutics, and Diseases of the Eye and Ear.

*George E. Weber* passed in Physiology, Anatomy, Chemistry, Dermatology and Hygiene, Materia Medica and Therapeutics, and Diseases of the Eye and Ear.

## AWARD OF PRIZES.

First College Prize (Brown Memorial Medal), . Harris M. Branham, Ga.

Second College Prize (Howard Memorial Medal), Augustus V. Wendel, N. J.

Third College Prize (Erich Memorial Medal), . William R. Lowman, S. C.

Nicholson Prize (Gold Medal for proficiency in Anatomy), . . . . . John Wakefield Wickliffe, S. C.

Rickert Prize (Case of Instruments for proficiency in Obstetrics), . . . . . Augustus V. Wendel, N. J.

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## WORTHY OF HONORABLE MENTION.

Frank Dyer Sanger, Conn. F. W. Littlejohn, S. C.

W. T. MacMillan (in Obstetrics), N. J. J. Warren Worcester (in Anatomy), N. Y.

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## TEXT-BOOKS.

*The First-Named Book in each Branch is Preferred.*

**Surgery.**—Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopedic Surgery, Walsham's Practical Surgery.

**Practice of Medicine.**—Bristowe, Niemeyer, Flint, Cohen on the Throat, Ziegler.

**Obstetrics.**—Playfair, Lusk, Barnes, Cazeaux. (Latest Editions.)

**Diseases of Women.**—Thomas, Emmet, Byford, Barnes, Goodell, Mundé.

**Medical Jurisprudence.**—Taylor, Beck, Tanner on Poisons.

**Anatomy.**—Gray, Wilson, Weisse, Practical Anatomy.

**Materia Medica.**—Wood, Biddle, Farquharson, U. S. Dispensatory.

**Physiology.**—Yeo, Martin, Kirkes.

**Chemistry and Toxicology.**—Simon, Charles, Wormley, Tyson.

**Diseases of the Eye and Ear.**—Wells on the Eye, Mittendorf on the Eye and Ear, Nettleship on the Eye, Burnett on the Ear.

**Skin Diseases.**—Rohé, Duhring, Robinson, Hyde, on Diseases of the Skin.

**Diseases of Children.**—Smith, West, Bouchut.

**Nervous System.**—Arnold's Manual of Nervous Diseases, Ross, Charcot.

**Mental Diseases.**—Spitzka.

**Genito-Urinary Diseases.**—Van Buren and Keyes, Bumstead and Taylor on Venereal Diseases, Otis on Stricture.

**Hygiene.**—Rohé's Text-Book of Hygiene.

**Pathology.**—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Mikro-organisms in Disease, Sternberg's Bacteria.

## City Hospital Staff.

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" CHAS. F. BEVAN, M. D.
Prof. A. FRIEDENWALD, M. D.
J. W. CHAMBERS, M. D.

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## City Hospital Dispensary.

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**Gynæcology,** . . . . . F. D. SANGER, M. D.
**Practice of Medicine,** . . . . . GEORGE THOMAS, A. M., M. D.; J. G. HUCK, M. D.; F. C. BRESSLER, M. D.
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**Diseases of the Eye and Ear,** . . W. S. GARDNER, M. D.
**Genito-Urinary Surgery,** . . . . L. F. ANKRIM, M. D.
**Surgery,** . . . . . EMMERT C. STUART, M. D.; HARRIS M. BRANHAM, M. D.
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# COLLEGE OF PHYSICIANS AND SURGEONS.

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A prize of $100 is awarded annually by the Alumni Association to the member who presents the best Essay. If an essay does not attain first grade and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

The Committee on Prize Essays for '89 are Drs. T. S. Latimer, D. J. Gibbons and E. J. Williams.

All communications should be addressed to the Chairman, Dr. T. S. Latimer, College of Physicians and Surgeons, Baltimore, Md.

The Executive Committee consists of Dr. W. S. Booze, Chairman, Drs. E. C. Stuart and C. H. Bubert.

The Annual Re-union and Banquet of the Association was held at the Eutaw House, Baltimore, March 15, '88.

The Prize of '88 was awarded to Dr. H. A. Mowry, of Pennsylvania. Subject—The Treatment of Consumption.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army or Navy.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of deaths of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '89, and at the Banquet which will follow it.

# The Baltimore College of Dental Surgery,

CHARTERED BY THE LEGISLATURE OF MARYLAND IN 1839.

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

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WM. B. FINNEY, D. D. S., Lecturer on Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M. D., D. D. S., Lecturer on Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M. D., Professor of Physiology.
JAMES E. LINDSAY, M. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Professor of Anatomy.
OSCAR J. COSKERY, M. D., Clinical Professor of Oral Surgery.
RICHARD GUNDRY, M. D., Professor of Materia Medica.

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E. PARMLY BROWN, D. D. S., *N. Y.*
A. L. NORTHROP, D. D. S., *N. Y.*
CHAS. R. BUTLER, D. D. S., *Ohio.*
E. L. HUNTER, D. D. S., *N. C.*
W. W. WALKER, D. D. S., *N. Y.*
T. S. WATERS, D. D. S., *Md.*
DAVID GENESE, D. D. S., *Md.*
J. HALL MOORE, M. D., *Va.*
JOHN ALLEN, D. D. S., *N. Y.*
R. B. DONALDSON, D. D. S., *D. C.*
JOHN MEYER, D. D. S., *N. Y.*
H. A. PARR, D. D. S., *N. Y.*
J. EMORY SCOTT, D. D. S., *Md.*
E. R. RUST, D. D. S., *D. C.*
C. L. ALEXANDER, D. D. S., *N. C.*

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R. B. WINDER, JR., PHAR. G., D. D. S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D. D. S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

GEORGE G. HARDY, D. D. S. J. W. SMITH, D. D. S. J. E. ORRISON, D. D. S.
W. W. DUMBRACCO, D. D. S. G. MARSHALL SMITH, D. D. S. C. S. SEIBOLD, D. D. S.
J. W. CHAMBERS, M. D., Demonstrator of Anatomy.
J. H. BRANHAM, M. D., Assistant Demonstrator of Anatomy.

THE BALTIMORE COLLEGE OF DENTAL SURGERY, the first and for many years the only Dental School, offers facilities for the study of Dentistry proper, such as age and experience only can give. Its immense *museum*, complete apparatus, large and well-arranged building, and carefully studied *curriculum* give to its students great advantages and opportunities, both theoretical and practical; while its age gives its Diploma a dignity far out-ranking all other Colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *College Infirmary*, a most complete, large and handsome *Hall*, being daily filled with clean and respectable patients, of a class nearly equal to those of the average dentist. *This Infirmary is open all the year*, students paying an entrance fee which is deducted from those of the regular succeeding course.

The Session begins Oct. 1, closing in March. A large corps of Demonstrators, always present, put in actual practice the teachings of all lecturers on Dentistry—leaving nothing undemonstrated. *All methods are fully taught*, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D. (See Catalogue.) In accordance with the resolution adopted by the National Association of Dental Faculties in the City of New York on the 4th of August, 1884, and which goes into effect for the session of 1885 and 1886, the qualifications for entering the Junior Class are a preliminary examination in the ordinary English branches.

TERMS OF GRADUATION.—Attendance on two Winter courses of lectures in this College; as equivalent to one of these we accept *one course* in any reputable Dental College. *Graduates in Medicine* who have attended one Winter Course in this College and have passed one year, inclusive of the Winter Course, in the practical work of the Infirmary and Laboratory will be permitted to present themselves for graduation.

BENEFICIARY STUDENTS.—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular tuition fees. This has been for some years an established feature of this College.

FEES.—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

Prof. R. B. WINDER, Dean,

*No. 140 Park Ave., Baltimore, Md.*

# THE MARYLAND LYING-IN ASYLUM,

## 115 West Lombard Street,

## BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons.**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Every precaution is taken to prevent the recognition of inmates.

Private patients are furnished rooms at from $8.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to Augustus V. Wendel, M. D., House Physician.

THOMAS OPIE, M. D.

Dean of the Faculty.

NEW CITY HOSPITAL

UNDER THE EXCLUSIVE CONTROL OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

# ALUMNI ASSOCIATION,
# OLLEGE OF PHYSICIANS & SURGEONS

## OFFICERS FOR 1889.

PRESIDENT,

GEO. IVERSON ROSS, M. D.

VICE-PRESIDENTS,

WILLIAM F. SMITH, M. D. GEO. THOMAS, M. D.

SECRETARY,

FRANK DYER SANGER, M. D.

ASSISTANT SECRETARY,

J. B. SAUNDERS, M. D.

TREASURER,

W. S. GARDNER, M. D.

---

A prize of $100 is awarded annually by the Alumni Association to the member who ents the best essay. If an essay does not attain first grade, and yet has sufficient it to warrant the issue of a prize, one of $50 may be awarded.

The Committee on Prize Essays for '90 are Drs. Geo. H. Rohé, J. W. Chambers and C. Bressler.

All communications should be addressed to Frank C. Bressler, M.D., College of sicians and Surgeons, Baltimore, Md.

The Executive Committee consists of Drs. T. W. Kay, Chairman, Chas. B. Ziegler, L. F. Ankrim.

The Annual Reunion and Banquet of the Association was held at the Eutaw House, imore, Md., March 13, '89.

Alumni are requested to inform the Secretary of all distinctions conferred upon them ivil life, or for services in the Army, Navy or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and knowledge they may possess of deaths of members.

It is earnestly desired that as many of the Association as can attend, will be present at next Annual Meeting in '90, and at the Banquet which will follow it.

# THE BALTIMORE COLLEGE OF DENTAL SURGER

**Chartered by the Legislature of Maryland in 1839.**

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

### FACULTY.

RICHARD B. WINDER, M.D., D.D.S.,
Professor of Dental Surgery and Operative Dentistry.

M. WHILLDIN FOSTER, M.D., D.D.S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D.D.S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M.D., D.D.S., Professor of Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M.D., Professor of Physiology.
JAMES E. LINDSAY, M.D., Professor of Chemistry.
CHARLES F. BEVAN M.D., Professor of Anatomy.
OSCAR J. COSKERY, M.D., Clinical Professor of Oral Surge
RICHARD GUNDRY, M.D., Professor of Materia M

### CLINICAL INSTRUCTORS.

CORYDON PALMER, D.D.S.....Ohio
E. PARMLY BROWN, D.D.S.....N. Y
A. L. NORTHROP, D.D.S.....N. Y
CHAS. R. BUTLER, D.D.S.....Ohio
E. L. HUNTER, D.D.S.....N. C
W. W. WALKER, D.D.S.....N. Y
T. S. WATERS, D.D.S.....Md
DAVID GENESE, D.D.S.....Md
C. M. GINGRICH, D.D.S.....Md
J. N. FARRAR, M.D.....N. Y

J. HALL MOORE, M.D.....
JOHN ALLEN, D.D.....
R. B. DONALDSON, D.D.S.....
JOHN MEYER, D.D.S.....
H. A. PARR, D.D.S.....
J. EMORY SCOTT, D.D.S.....
E. R. RUST, D.D.S.....
C. L. ALEXANDER, D.D.S.....
G. M. EVANS.....
K. C. GIBSON.....

### DEMONSTRATORS.

R. B. WINDER, JR., PHAR. G., D.D.S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D.D.S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

GEORGE E. HARDY, M.D., D.D.S.
W. W. DUMBRACCO, D.D.S.
J. W. SMITH, D.D.S.
G. MARSHALL SMITH, D.D.S.
J. F. ORRISON, D
C. S. SEIBOLD, D.
J. H. BRANHAM, M.D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M.D., Assistant Demonstrator of Ana

THE BALTIMORE COLLEGE OF DENTAL SURGERY, the first and for many years the only Dental School, facilities for the study of Dentistry proper, such as age and experience only can give. Its immense *museum*, con apparatus, large and well-arranged building, and carefully studied *curriculum* give to its students great adva and opportunities, both theoretical and practical; while its age gives its Diploma a dignity far out-ranking all Colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished meml the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *C llege Infirmary*, a most complete, and handsome *Hall*, being daily filled with clean and respectable patients, of a class nearly equal to those average dentist. *This Infirmary is open all the year*, students paying an entrance fee which is deduced from th the regular succeeding course.

The Session begins October 1, closing in March. A large corps of Demonstrators, always present, put in practice the teachings of all lectures on Dentistry—leaving nothing undemonstrated. *All methods are fully tau* appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum wor all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its studen privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 20,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the Coll Physicians and Surgeons prior to presenting themselves as candidates for the degree of M.D. (See Catalogue accordance with the resolution adopted by the National Association of Dental Faculties in the City of New Y the 4th of August, 1884, and which goes into effect for the session of 1885 and 1886, the qualifications for enterin Junior Class are a preliminary examination in the ordinary English branches.

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**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee, $1

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

Prof. R. B. WINDER, Dean,
**No. 716 Park Avenue, Baltimore,**

# ollege of Physicians and Surgeons.

## ANNOUNCEMENT FOR 1889.

N issuing the Eighteenth Annual Announcement of the Course of Instruction in the College of Physicians and Surgeons of Baltimore, the Faculty deems it proper to call the ntion of the medical profession and students of medicine to the recent acquisitions to corps of instructors, and to the notable additions that have been made in the equip-t of the institution. It may be stated, without fear of successful contradiction, that school in the United States now possesses facilities superior to those offered by this ge for acquiring a thorough scientific and practical medical education.

The collegiate year will begin September 15, 1889, and the regular winter course of res will continue until March 15, 1890.

The various departments for elementary and advanced instruction under the control of ollege, and available to all matriculants, are as follows:

1. *The Anatomical Preparation and Dissecting Rooms*, well arranged, lighted, d and ventilated, give unsurpassed facilities for anatomical study. The rooms are dantly supplied with osteological preparations and fresh anatomical material, which urnished *without extra charge*, to the matriculated students of the college.

A number of private rooms are available, where physicians may pursue special studies atomy, or operative surgery, at a moderate expense.

2. *The Chemical, Physiological and Pathological Laboratories*, are now conveniently d in the building formerly occupied as the Maryland Woman's Hospital. Extensive tions have been made in the building to render it suitable for these purposes. The ction in practical laboratory exercises is systematic, and all candidates for graduation quired to devote a certain portion of the course to practical work in the laboratory.

The clinical material is abundant and is derived from the following sources:

. *The New City Hospital*, immediately adjoining the college building, and connected he amphitheatres by a covered way will furnish the most varied collection of cases in ine and surgery for practical study. A full description of this hospital is given on er page of this announcement.

2. *The Maryland Lying-in Hospital*, an institution founded by and under the clusive control of the College, gives facilities for the practical study of obstetrics nc celled, and probably not reached by any other medical school in this country. No stu is allowed to graduate in this College, who has not availed himself of the advantage affo by practical demonstrations in the Lying-in Hospital.

3. *The Maryland Woman's Hospital*, established in 1877 at No. 115 West Lom street, and removed in 1879 to No. 113 East Saratoga street, has again outgrown its ters, and has been assigned to a commodious ward and suite of private rooms in the City Hospital now approaching completion.

4. *The City Hospital and Woman's Hospital Dispensaries* furnish a very amount of valuable clinical material, from which the more interesting cases are taken i hospitals for operation, or special treatment.

5. *Bay View Hospital*, the great charity hospital of the city of Baltimore, is open to the students of this school. The visiting staff of the hospital is composed par the members of the Faculty, and during the winter clinics are regularly held twice a at which the students are required to personally examine the patients, diagnosticate th ease and suggest the proper line of treatment. The advantages of such practical bed experience to the young physician are incalculable.

In addition to the above mentioned clinical facilities furnished to the students o school, members of the Faculty are attached to the staffs of various other general and ial hospitals in the city, to which students can often be admitted.

The control of, and influence in the hospitals mentioned, enables the Faculty to s to the graduates of this school a number of positions as Resident Physicians, in additi the inestimable advantages offered to resident students.

The almost invariable return of students, who have taken one course, the activity the excellent standing of her graduates are highly gratifying to the Faculty and are s incentives to the latter to renewed exertions, to still further add to the facilities of th lege.

It is the aim of the Faculty to give this school a high rank for sound medical ac ments in all departments. To attain this end the student will be thoroughly grounded principles of medicine, and shown how to apply them in the treatment of diseases. plan of dividing the course among a large number of competent teachers, has been ad as the best to assist the student in traversing the vast field of recent medicine, and tc him a complete medical education.

## COURSE OF INSTRUCTION.

Two courses of Lectures are given during the year, a Winter and Spring course. Winter session will be preceded by preliminary lectures, chiefly clinical in character, eqgin September 15th and end October 1st. The regular Winter session will begin O

and end March 15th, and will consist of five or six Lectures daily, didactic and clinical. y will be so arranged and blended as to be eminently practical as well as scientific. At t two clinical lectures will be delivered every day, at which ample opportunity will be rded for witnessing surgical operations, the treatment of disease, and modes of inves- ting pathological phenomena. Special pains will be taken to instruct students in the of bandaging, applying splints, dressing wounds, conducting post-mortem examinations compounding medicines—lessons of incalculable value, especially to those who propose practise medicine in the country.

## LOCATION OF COLLEGE BUILDINGS AND HOSPITALS.

The *College Building*, in which all of the didactic and most of the clinical lectures are ivered, is located at the northwest corner of Calvert and Saratoga Streets. It is in the tre of the city and is readily accessible.

## THE NEW CITY HOSPITAL.

It is with great pleasure that the announcement is now made that the New City Hospi- is nearly completed, and will be ready for occupancy during the coming session. The npletion of this hospital marks a new era in the history of the College, as it enlarges its ical facilities to a degree making them equal to those of any school in the country.

The New Hospital is a magnificent five story structure, consisting of a building fronting feet on Calvert Street, one of equal frontage on the street in the rear (an open court arating them, and facing the college building), and a central connecting building on the th end of the lot. The building occupies the spacious lot immediately adjoining the ege building, formerly known as the City Spring. It will accommodate 300 patients. plans that have been adopted for the construction of this hospital have secured for it most approved and complete system of sanitation. Accommodations of the most ap- ved modern character, for both private and public patients, are provided. A large nber of first-class private rooms, completely isolated from that part of the building in ch the public wards are located, will make this one of the best hospitals for the accom- dation of invalids from a distance, to be found anywhere. The public wards, 76x27 feet, l ventilated and lighted, will furnish ample provision for the growing needs of this school.

The Sisters of Mercy will have charge of this institution, which fact alone furnishes ble guarantee that it will be well managed, and that everything will be done to promote comfort and welfare of its inmates.

## THE LYING-IN HOSPITAL.

*The Marylana Maternité*, in which the obstetrical clinics are held, was established by college in 1874. It is the pioneer institution of its kind in the State of Maryland, and

one of the first in the country. It is located at No. 115 West Lombard street, betw Hanover and Sharp streets, about five minutes' walk from the college.

The Lying-in Hospital is open during the entire year, and furnishes every student in tendance upon the lectures of this school invaluable clinical advantages in the stud Midwifery. The clinics are held in the Lying-in chamber. The establishment of an obstetr clinic in connection with the College, has introduced a much-needed reform in the systen medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge sol must necessarily assume the responsibility of this department with especial embarrassm for it is a well-established fact that in no branch of medicine do bad results affect the p titioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the p tical methods adopted by European Schools. Students are divided into classes of six ea accordingly as their names appear upon the matriculation-book. The names and resic ces of the students composing the several classes are placed in a box at the office of American District Telegraph Company. There is telegraphic communication betw the Hospital and the office, so that as soon as a case of labor occurs, the House Physic can notify the office at any hour of the day or night, and without loss of time the Profe of Obstetrics and each member of the class are summoned. Students are thoroughly inst ted how to diagnosticate presentations, to judge as to the stage of labor, and enable watch, step by step, its mechanism. They have frequent opportunities to witness the plication of forceps, turning, and all other measures which science has devised for the re of difficult and unnatural labors.

Attendance on these clinical demonstrations is obligatory.

## GYNÆCOLOGICAL CLINIC.

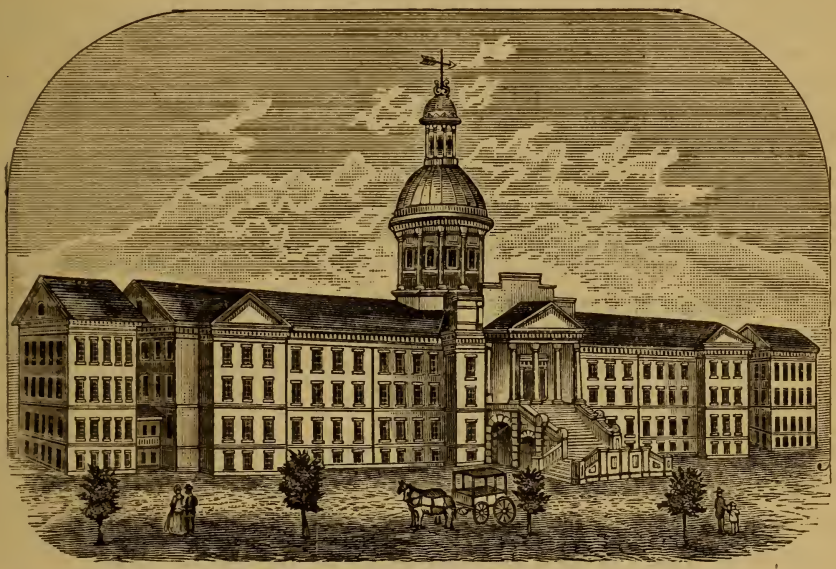
The practical teaching of gynæcology, which has been so highly developed in school, will be continued as a special feature of the curriculum. The rooms set apa the New City Hospital for both private and public female patients, will accommodate greatest variety of cases of the diseases peculiar to women. The ready access to the am theatre, will enable the Professor of Gynæcology to bring even the most serious case their beds before the class.

*The Dispensary of the Maryland Woman's Hospital*, which has been year by growing in influence and number of patients, has become an important source of a spe class of clinical material.

The Faculty appreciating the prime necessity of thorough and practical instructio this department of medicine, has provided separate rooms for the dispensary, and has arranged the hours of this service, as to conform to the needs of the gynæcological cli

The equipment of the amphitheatre has been recently better adapted to the necessities the class, and many of the hindrances to demonstrating operations on the female gener- ve organs, have been overcome.

## BAY VIEW HOSPITAL



ituated on the eastern suburbs of Baltimore, and contains 1000 beds, exclusive of 250 he Insane Department, which has been recently established.

The Board of Trustees who govern this institution, have kindly placed the large amount clinical material in it at the command of the Faculty of this school, who will utilize it he best advantage for the instruction of students.

The number of deaths occurring in an institution of this size affords the fullest oppor- ity for witnessing post-mortem examinations and the study of pathological phenom- .

## CITY HOSPITAL DISPENSARY.

This institution is under the immediate control of the Professors of the College of sicians and Surgeons. One or more of the Professors are present between the hours of M. and 2 P. M., to prescribe, free of charge, for such of the poor as may present them- es for treatment and advice. Competent druggists are constantly on hand to fill pre- ptions. From this source abundant material is derived for clinical instruction in ctical Medicine and Surgery.

## PRACTICAL INSTRUCTION.

During the sessions clinical lectures are delivered daily. The material is utilized tematically by the Professors, in illustration of their respective branches. After the c of the session the clinics are attentively kept up, and such students as remain in the are granted the benefit of them. The following order is observed, viz. :

Clinical instruction is given in diseases of the eye and ear. The various surgical o ations are performed on these organs, and students made familiar with the use of the c thalmoscope and otoscope, by Professor Friedenwald.

Instruction is given in the diagnosis and treatment of general diseases and dise of children, by Professor Latimer.

Dr. Thomas gives special instructions in the diagnosis and treatment of diseases of heart, throat and lungs. The rules for percussion and auscultation are clearly pointed and the use of the laryngoscope illustrated.

Practical instruction in the diagnosis and treatment of diseases of the nervous syst including the use of electricity in practical medicine, is given by Dr. Preston.

The special arrangements provided to prevent identification of female patients, att abundant material for illustrating the various operations of Gynæcology, thus affording student the opportunity to witness such procedures. The uses of the vaginal and ute specula, probes, tents and pessaries are illustrated.

The student is afforded an opportunity to listen to the sounds of the fœtal heart practice ballottement, to realize the active movements of the fœtus and the other signs pregnancy in the wards of the Lying-in Hospital. He is made familiar with the sequ of labor, and is instructed in the laws to be observed in the lying-in chamber, by Profe Opie.

The course upon Operative Surgery will embrace both minor and major surgical wo the art of bandaging and the application of modern surgical dressings, so very import in the treatment of wounds. The department of Genito-Urinary diseases will be trea from both the clinical and didactic standpoint; and, in addition to this, the lectures u Clinical Surgery will be delivered by Professors Coskery and Bevan. All operations performed in the presence of the class.

## PRINCIPLES AND PRACTICE OF MEDICINE AND CLINICAL MEDICI

The didactic course in Principles and Practice will have for its purpose the car study of the basic facts underlying all disease so far as understood, and the therapeutic p ciples which should guide us in the application of hygienic laws, drugs, and other appliar for their relief.

Clinical instruction will, so far as practicable, be made illustrative of the dida course, and every effort will be made to make the student familiar with the physical sign disease, and with the rational conclusions to be deduced from them.

Professor Rohé gives instruction in the diagnosis and treatment of skin diseases. The dactic lectures on this branch are fully illustrated by colored plates and photographs from ture, while all the commoner forms of this troublesome class of diseases are presented in e clinic. The students are required to make the diagnosis and suggest treatment in the ses brought before them.

The practical study of insanity receives a proper share of attention in the course. In s lectures and clinics Professor Gundry will give special attention to the diagnosis, classi ation, and treatment of the insane.

The central position of the City Hospital (in the *very heart* of the city) makes it the e to which the great majority of accidents are at once removed. As a school for acute sur ry it is unsurpassed in Baltimore. The material for the clinics of Professors Coskery and van is derived from this source.

The various operations and the application of instruments for the correction o formities will be practically illustrated by Professor Chambers on patients brought before e class.

In this school the facilities for acquiring a knowledge of practical pathology, as ntra-distinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, d students are enabled to inspect morbid lesions *in situ*. The Demonstrator of Pathology ing one of the official post-mortem examiners in the city, has frequent opportunities to actically demonstrate cases of medico-legal interest before the class.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Balti- re College of Dental Surgery (the oldest Dental School in the world) by which the stu- nts of each school can avail themselves of such facilities for instruction as are possessed either.

Graduates in Dentistry of this school, who have also attended lectures on Materia dica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attend- one additional course of lectures and passing a successful examination in the remaining nches of the Medical Course.

## PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy ring the course, but it is intended that much of the work on this subject shall be practical, l be done in the dissecting rooms. These latter are open daily during the winter and ing sessions, under the direction of the Professor and Demonstrators of Anatomy. In ordance with the latest judicial construction of the anatomy law in existence in this State,

natomical material is now furnished in abundance for all who desire to dissect. Candida
or graduation are required to present evidence of having dissected during two sessio
All necessary anatomical material is furnished to students free of charge.

*The Laboratory Building* is at 113 East Saratoga Street, adjoining the Coll
building on the west side, and is directly connected with the latter by a covered w
The didactic courses of lectures on Chemistry, Physiology, and Pathology are supplemen
and illustrated by practical exercises in the laboratory, which are obligatory on all can
dates for the degree.

In the Physiological and Pathological Laboratory, excellent opportunities are afford
for the practical study of physiology and microscopy. The Demonstrator and Assist
Demonstrator of Physiology give systematic instruction in biological manipulatio
including the study of normal histology.

The Demonstrator of Pathology, in addition to his didactic lectures on pathology a
legal medicine, and his demonstrations of gross pathological anatomy, will also give
struction in microscopic examination and diagnosis of morbid growths, urinary depos
and other pathological secretions and products.

## CHEMISTRY.

The lectures delivered on Chemistry by Professor Simon are a concise presentatio
the fundamental principles of the science from a modern point of view, and have b
brought to the present state of perfection by a careful consideration of the needs of
student of medicine, extending over many years of experience in teaching students
medicine and pharmacy. Matter of purely scientific interest, or foreign to the requ
ments of the student of medicine, has been eliminated.

The course includes a consideration of all the important metals and organic chemist
with special attention to the elements and compounds included in the United States Ph
macopœia, physiological chemistry, urinary analysis, and the most important of
poisons, with their antidotes. Abundant apparatus has been supplied, and all lectu
will be profusely illustrated by practical experiments.

The Demonstrator of Chemistry will give practical courses (attendance on whic
obligatory) upon qualitative analysis, with especial reference to the chemical examinat
of urine. The latest and best methods of urine testing for clinical purposes are taught
practically illustrated.

## SPRING SESSION.

The Spring Session will begin on the 15th of March and end on the 15th of June. At
dance upon this course is not obligatory, nor will it be counted as a session in the requ
ment for graduation. Those who will make it convenient to attend, will find it of g

dvantage. The instruction given in this course includes a clinical lecture daily, one o wo didactic lectures, work in the dissecting room, a course of operative surgery in whic e student will be required, under guidance, to do operations on the cadaver, and ourse on bandaging and the application of surgical apparatus.

The work which the student does in practical anatomy and in the chemical labor ory during the course, will relieve him of these requirements in the Winter Session.

Students are admitted to this course on payment of the Matriculation an emonstrators' fees ($15.00), which amount is credited on fees for the Winter Session.

## SCHEDULE OF LECTURES, SPRING SESSION 1889.

*Monday.*

12 M.—Dr. G. A. Leibig, Jr. 1 P.M.—Prof. Friedenwald.

*Tuesday.*

A.M.—Prof. Simon. 12 M.—Dr. N. G. Keirle. 1 P.M.—Prof. Opie

*Wednesday.*

12 M.—Dr. George Thomas. 1 P. M.—Dr. George J. Preston.

*Thursday.*

A.M —Prof. Simon. 12 M.—Prof. Latimer. 1 P.M.—Prof. Rohé

*Friday.*

12 M.—Prof. Gundry. 1 P.M.—Prof. Bevan.

*Saturday.*

12 M.—Dr. J. H. Branham. 1 P.M.—Prof. Bevan.

Dissections daily after 3:30 P.M.

Physiological and Chemical Laboratories will be open daily.

Obstetrical Clinics when cases of labor occur.

Operative Surgery—10 to 12 M.— { *Monday, Wednesday, Friday, Saturday.* } Prof. Chambers.

## GRADUATION.

*The candidate for the degree of Doctor of Medicine must have studied medicine thre rs, and attended two full courses of lectures, the last in this College. He must be 21 rs of age, of good moral character, have received a good English education, and have ssed a satisfactory examination in writing before the Faculty.*

*All students are required to register at the close of each winter session, as evidence full attendance.*

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, t aculty, realizing how difficult it is for the student to thoroughly prepare himself for pra ce by attendance upon two courses of lectures, offer the students beginning the study edicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will e special, and in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of the Eye and Ear, Diseases of the Skin, Medic urisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surger bstetrics, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

Students from other schools, on presenting satisfactory evidence of having passed ny of the branches embraced in the first and second year of the graded course, will xempt from such examinations.

*In all cases* the candidates for graduation will be required to submit to the examin ions prescribed for the third year.

At the end of the second year the student will be examined in the branches he h tudied, and if he passes, that examination will be final; but if he fails, the branch ranches upon which he fails will be added to the curriculum of the last year.

The Faculty do not *require* students offering themselves to this College to adopt th raded course, but they strongly advise them to do so, as they believe that by this plan t oung graduate will be better prepared in every way to enter upon the duties and respon ilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of 500,000, affords its medical schools the great bundance and every variety of clinical material. Its exemption from epidemics, the sa rity of its climate, the easy preservation of subjects for dissection, the cheapness of livi ts accessibility, the genial hospitality of its citizens, all combine to make it the great m cal centre of the country. Students who may desire to pursue their studies here will f hemselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

As an incentive to greater exertion, and as a memorial of members of the Faculty w ave passed away, leaving behind them a record of duty worthily performed, the follow rizes have been instituted and will be conferred subject to the conditions mentio below:—

*The First College Prize*—(Brown Memorial)—a gold medal—is awarded by Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—(Howard Memorial)—a gold medal—is conferred by the culty on the graduate who stands second.

*The Third College Prize*—(Erich Memorial)—a gold medal—is awarded by the Faculty the graduate who stands third.

*The Fourth College Prize*—(Lynch Memorial)—a gold medal—is awarded by the culty to the graduate who stands fourth.

The following prizes have been offered by Alumni of the College, and will be arded by the Faculty, as follows :—

*The Nicholson Prize*—a gold medal—is presented to the graduate who stands the best amination in Anatomy.

*The Rickert Prize*—a complete case of obstetrical instruments—is given to the graduate o stands highest in the department of Obstetrics.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon ritorious graduates valuable appointments as resident hospital physicians—viz.: two at City Hospital, one at the Maternité, and one at the Maryland Woman's Hospital. ese positions are for one year, and each incumbent receives board and lodging free of pense, besides unrivaled opportunities for practical study and clinical practice.

The Faculty also has the right to elect annually one resident physician to Bay View, th a salary of five hundred dollars and board and lodging.

Twenty-four resident students can be accommodated in the City Hospital, by paying .00 per week board. They have the privilege of accompanying the Professors and sident Physicians in their visits to the wards, and rendering such medical and surgical istance as may be required.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, d matriculation fee, $5.

Tickets for one or more of the branches may be taken out separately.

The only fee for Physiological and Chemical Demonstrations is a charge of $2 to ver cost of materials used.

The Graduation Fee is $30 in all cases.

The above fees comprehend all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their ceptors, or other physicians in good professional standing, as unable to pay the full fees. e holders of such scholarships pay $60 for Professors' Tickets.

## SUMMARY OF NECESSARY EXPENSES.

### College Fees.

| | |
|---|---|
| Matriculation, | $ 5 |
| Lectures, | 120 |
| Diploma Fee, | 30 |
| Total, | $155 |

### Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 |
| Lectures, | 60 |
| Diploma Fee, | 30 |
| Total, | $95 |

Good board can be had at $3 00 per week. We believe that in no other large cit the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the City Hospital, N. corner of Calvert and Saratoga Streets, as soon as they arrive in the city, for the purpos registering their names. Here the Janitor may also be found, who will take charge baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will furnished with excellent *hospital accommodations* in either City Hospital or Maryl Lying-in Asylum, according to the requirements of the patient; the terms being from to $25 per week, according to the conveniences desired.

For further information address,

THOMAS OPIE, M. D., Dean,

*College of Physicians and Surgeons,*

Baltimore, Md.

# CLASS OF 1888-89.

(CLASSIFIED BY STATES.)

## ALABAMA.

NAME. PRECEPTOR.

bretter, W. E.....Dr. H. B. Martin
ll, N. T.....B. C. D. S.

## ARKANSAS.

iteside, R. B.....Dr. J. A. Westerfield

## CANADA.

ley, B. M.....B. C. D. S.
si, Gustave Fingal .....Faculty

## CALIFORNIA.

ker, J. T.....——

## CONNECTICUT.

nkerley, Theo.....Dr. J. M. Corburn
ith, F. E .....Dr. N. E. Worden
son, W. P.....Dr. J. J. Wilson

## DAKOTA.

Arthur, J. F.....Faculty

## DELAWARE.

Colley, D. I..... Dr. J. B. Waples
nington, L. R.....Dr. J. M. Winner

## DISTRICT OF COLUMBIA.

nston, B. B.....Prof. R. B. Winder
erer, Wm.....Faculty
itney, Cephas .....Prof. J. B. Hodgkin

## ENGLAND.

cer, L. J.....Dr. R. S. O'Hara

## FLORIDA.

s, E. O.....B. C. D. S.

## GEORGIA.

ms, F. L.....Dr. J. A. Dobbin
er, T. V.....Dr. J. S. Wood
nham, Jno. W.....Dr. J. H. Branham
idson, J. E.....Dr. Christian
iglas, Jno..... B. C. D. S.
ier, Jr., R. T.....Dr. W. W. Binion
thews, Wallace.....Dr. S. M. Matthews
d, E. Hunter.....B. C. D. S.
kin, P. E.....Dr. P. H. Keaton

## GERMANY.

henbach, F .....R. B. Winder
nner, George.....Dr. Wiltshire

## INDIANA.

ghlen, Geo. E.....Dr. J. L. Grove
by, O. M.....Drs. Burt & Patterson

## ILLINOIS.

isdell, Walter S.....Dr. Wm. S. Byrd

## KANSAS.

NAME. PRECEPTOR.

Kirk, Irvin W.....Dr. E. Kirkpatrick

## KENTUCKY.

Harrington, J. H.....B. C. D. S.
Perry, Geo. G.....Dr. H. Switzer

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Bayon, Paul.....Dr. A. G. Fridricks
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Bugg, B. A.....Dr. A. R. Bush
Burns, Wm. Clyde.....Faculty
Mounton, J. F., A. B..... Faculty
Shaw, G. A.....Dr. Shaw
Walker, W. E.....Dr. J. R. Walker

## MAINE.

Hems, C. H.....Dr. D. W. Fellows
Moore, F. H.....B. C. D. S.
Randall, C. L.....Dr. O. A. Flint

## MARYLAND.

Bond, J. G.....Dr. Briscoe
Boose, Theo.....Dr. D. S. Coonan
Butler, A. F.....Dr. R. B. Winder
Craddick, J. N. .....Prof. J. W. Chambers
Diffenderffer, C. R.....Dr. E. P. Heeck
Dorsey, Jno. S.....Dr. P. Briscoe
Evans, S. G.....Prof. Geo. H. Rohe
Fochtman, F. W.....Dr. J. J. Wilson
Friedenwald, B. D..... ....B. C. D. S.
Friedenwald, Julius.....Prof. Friedenwald
Garee, E. C ..... Dr. W. S. Gardner
Gorsuch, H. Keptor.....Dr. E. R. Albaugh
Green, Chas. E..... Drs. Dickey & Smith
Gundry, L. H.....Dr. W. S. Gardner
Hassan, T. V .....Faculty
Hinman, E. H..... Dr. J. R. Quinan
Hunt, Judson .....B. C. D. S.
Hynson, H. P.....Faculty
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Jones, J. J., M. D.....——
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McCleary, Standish..... . .. Prof. Opie
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McGann, Jno. H.....Dr. J. F. Lung
Ohlendorf, Jr., J. C.....Faculty
Pratt, W. T.....Faculty
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Ravenscroft, R. A..... Dr. C. Brotemarkle
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Robinson, Jr., J. G.....B. C. D. S.

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| Wade, J. P | Dr. Wiltshire |
| Wender, R. B., Jr. | Dr. R. B. Winder |
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| Stevens, Wm. H | Dr. J. F. Hiny |
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| Arnold, H. J | Dr. C. D. Evans |
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| Smith, C. B | Faculty |
| Wolfe, Jacob | Dr. M. L. Wenger |
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| Armitage, J. E | Dr. J. Wood |
| Becker, A. B., Jr | Dr. G. M. Skinner |
| Brown, L. P | B. C. D. S. |

| NAME. | PRECEPTO |
|---|---|
| Buckley, D. J | Dr. J. T. Buc |
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| Carmichael, P. C | B. C. I |
| Drake, N. L | Dr. J. Nu |
| Finnessy, J. H | Dr. C. W. Sar |
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| Simpson, Edward S | Dr. St |
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| Mosher, James D | Dr. F. M. Bur |

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| ks, Chas. M. | Dr. S. M. Weeks |

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| or, A. W. | Dr. W. D. McCleary |
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| dworth, W. H. | Dr. A. J. Learned |

ONTARIO.

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| ɜnell, W. E., M.D. | —— |
| ard, J. H. | Dr. J. J. Tutzel |

PENNSYLVANIA.

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| , Elmer E. | Dr. L. H. Sowell |
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| on, Will W. | Dr. G. W. Simpson |
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| nd, H. A. | Dr. A. Enfield |
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| ır, A. J. | Dr. H. J. Laciar |
| llister, J. C., Jr. | Drs. Free and Williams |
| raw, F. L. | Dr. Carroll |
| rew, J. B., M.D. | —— |
| rew, W. L., A.M. | Faculty |
| r, J. S | Dr. J. G. Campbell |
| ıich, Wm. H | Dr. A. P. T. Grove |
| ɔhy, Michael | Faculty |
| e, J. R. | Dr. C. W. Gessler |
| ɜs, W. R. | Dr. S. Y. Thompson |
| ips, F. J. | Dr. J. B. McGrew |
| ɔ, J. F. | Dr. J. T. Rohm |
| kler, A. G. | B. C. D. S. |
| nerville, H. B. | Dr. G. B. Woods |
| k, Peter L. | Dr. J. H. Gardner |
| , Wm. J. | Drs. Gardner and Cornell |
| ams, D. I. | Dr. D. H. Lake |
| , H. H. | Dr. W. E. Gregord |
| Wood, G. W. | Dr. C. D. Wood |
| Wright, Thos. H. | Dr. J. H. Wright |
| Young, R. J. | Dr. L. C. Harman |
| Young, W. N. | Dr. A. C. Sherwood |

RHODE ISLAND.

| | |
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| Black, T. F. | Dr. T. J. Smith |
| Edgar, Alexander F. | Dr. Geo. Clarkson |

SOUTH AMERICA.

| | |
|---|---|
| Ordoner, Hemogenes | B. C. D. S |

SOUTH CAROLINA.

| | |
|---|---|
| Brown, B. R. | Dr. C. M. Littlejohn |
| Duvall, G. W., M. D. | Faculty |
| Funderburk, J. D. | Dr. R. C. McManus |
| Hood, Wm. A. | Dr. B. E. Femster |
| Klatte, Will C. | Dr. B. A. Maickenpuss |
| Quattlebaum, A. W. | Dr. J. K. Kunce |
| Rutledge, J. E. | B. C. D. S. |
| Toole, John E. | Drs. W. C. and J. M. Smith |
| Varn, A. C. | Dr. J. C. Rich |
| Wech, E. H. | B. C. D. S. |
| Wilson, J. F. | Dr. J. W. Crynes |

TENNESSEE.

| | |
|---|---|
| Campbell, J. F. | Dr. J. B. F. Dice |
| Larkin, N. B. | B. C. D. S. |
| Pattony, R. L. | Dr. N. N. Warlick |
| Wallace, John W. | Dr. A. C. Emmet |

TEXAS.

| | |
|---|---|
| Grant, A. S. | Dr. R. E. Grant |
| Miller, Dennis | Dr. S. J. Rogers |
| Morey, Chas. L. | Dr. P. Cheaney |

TURKEY.

| | |
|---|---|
| Kraus, A. | Dr. S. D. Woods |

VIRGINIA.

| | |
|---|---|
| Anderson, F. G. | Dr. C. E. Stafford |
| Barker, C. T. | Dr. J. Y. Martin |
| Baxley, Haughton | Dr. Claude Baxley |
| Campbell, F. L. | Dr. L. H. Keller |
| Carter, George R. | Dr. B. H. Smith |
| Clark, Bruce | B. C. D. S. |
| Coburn, A. G. | Dr. W. A. Johnson |
| Conmon, Wm. T. | Dr. H. S. Pole |
| Fletcher, J. R. | Prof. Opie, M. D. |
| Hardy, George E. | Faculty |
| Hardy, Joe | B. C. D. S. |
| Harrison, John W. | Faculty |
| Hough, L. T. | Dr. R. B. Winder |
| Hume, W. W. | Dr. C. W. Hume |
| Jones, A. L. | Prof. R. B. Winder |
| Mapp, J. H. | Dr. T. J. Jackson |

| NAME. | PRECEPTOR. |
|---|---|
| Minson, W. L. | Dr. J. Hall Moore |
| Nash, Le Roy T. | Dr. H. J. Hunter |
| Pulliam, J. L. | Dr. J. D. Pulliam |
| Rush, J. B. | B. C. D. S. |
| Selby, W. J. | Dr. T. G. Carroll |
| Spencer, W. R | Dr. R. B. Winder |
| Sumption, H. T. | B C. D. S. |
| Vaughan, L. E. | Dr. J. Ring |
| Whedbee, J. P | B. C. D. S. |
| White, N. P. H. | Dr. N. T. Dulany |
| WASHINGTON TERRITORY. | |
| Withee, U. V. | Dr. G. T. James |
| WEST VIRGINIA. | |
| Baker F. L. | Drs. Hoffman and West |
| Ballad, A. B. | Dr. J. P. McNull |

| NAME. | PRECEPT |
|---|---|
| Bee, I. E | Dr. J. W. Hor |
| Bosworth, J. L. | Dr. H. Y |
| Bosworth, Perry | Dr. H. Y |
| Chambers, H. P. | Dr. W. A. Cra |
| Fey, D. P. | Dr. Geo. A. |
| Guthrie, L. V. | Dr. A. R. B |
| Holroyd, S. R | Dr. W. H. Ho |
| Johnston, C. A. | Dr. W. W. Ho |
| Maddox, A. S. | Dr. T. A. I |
| Martin, J. W. | Dr. D. C. S |
| Melvin, W. J | Dr. Byi |
| Richardson, H. N. | Dr. Willia |
| Shaeffer, D. M. | Dr. W. E. |
| Shirley, R. V. | Dr. Geo. A. |
| Thompson, L. W. | Dr. J. C. H |
| Warden, Frank R. | Dr. W. W. M |
| Yount, B. H. | Dr. T. M. |

# GRADUATING CLASS, 1889.

| | |
|---|---|
| Joseph T. Ashire, S. B., | La. |
| Howard Allen, | N. J. |
| F. G. Anderson, | Va. |
| Frank L. Baker, A. B., | W. Va. |
| T. C. Barker, | Va. |
| Haughton Baxley, | Va. |
| Wm. Edwin Bonawitz, | Pa. |
| Theo. Boose, | Md. |
| J. L. Bosworth, | W. Va. |
| John W. Branham, | Ga. |
| James P. Bynum, | N. C. |
| Wm. T. Cameron, | Va. |
| Michael Ambrose Carroll, | Pa. |
| Louis Alfred Chagnon, | Mass. |
| Leinster Duffy, | N. C. |
| S. S. Flynt, | N. C. |
| Frederick W. Frochtman, | Md. |
| David Paul Fry, | W. Va. |
| Jefferson D. Funderburk, | S. C. |
| H. Kepler Gorsuch, | Md. |
| Lewis van G. Guthrie. | W. Va. |
| J. Garland Haley, | Va. |
| George E. Hardy, Jr., D. D. S., | Md. |
| S. Whitefield Hartt, | Can. |
| Wm. A. Hood, | S. C. |
| William W. Hume, | Va. |
| J. T. Jarboe, | Md. |
| Hiram C. Jones, | N. C. |
| Charles Alexander Johnston, | W. Va. |
| Frederick Lincoln Johnson, | N. J. |
| Irvin W. Kirk, | Kan. |
| Henry Kunkel, A. B., | Pa. |
| Albert Joseph Laciar, | Pa. |
| John Craig McAllister, Jr., | Pa. |

| | |
|---|---|
| Daniel Irving McColley, | |
| James Harmanson Mapp, | |
| James D. Mosher, | |
| John Franklin Mouton, A. M., | |
| LeRoy T. Nash, | |
| J. W. Neal, | |
| P. A. Nicholson, | |
| J. Richardson Parke, | |
| Robert Lee Patton, | |
| J. J. Peacock, | |
| Frank J. Phillips, | |
| William S. Phillips, | |
| Albert Wm. Quattlebaum, | |
| Charles L. Randall, | |
| John Nelson Roe, A. B., | |
| Henry DeWitt Shaukle, | |
| Robert Morton Smith, | |
| Wm. F. Smith, A. B., | |
| Dwight Seymour Spelman, | |
| William H. Stevens, | |
| Peter L. Swank, | |
| Anthony William Taylor, | |
| William James Todd, | |
| John E. Toole, | |
| Aaron Crook Varn, | |
| Frank R. Warden, | |
| George F. Weber, B. S., Ph. M., | |
| N. P. H. White, | |
| Robert Brown Whiteside, | |
| Erastus L. Wilson, | |
| Clinton H. Wright, | |
| Robert John Young, | |
| W. D. Young, | |

# GRADED COURSE.

. Lynch, Md., passed in Physiology, Dermatology and Hygiene, Materia Medica and Therapeutics, and Diseases of the Eye and Ear.

Smith, Can., passed in Physiology, Anatomy, Chemistry, Materia Medica and Therapeutics, and Diseases of the Eye and Ear.

. Weeks, Can., passed in Physiology, Chemistry, Dermatology and Hygiene, and Diseases of the Eye and Ear.

## AWARD OF PRIZES.

| | |
|---|---|
| T COLLEGE PRIZE (BROWN MEMORIAL), - - - - | John W. Branham, Ga. |
| ND COLLEGE PRIZE (HOWARD MEMORIAL). - - - | John Craig McAllister, Jr., Pa. |
| RD COLLEGE PRIZE (ERICH MEMORIAL), - - - - | Wm. F. Smith, A.B., Md. |
| HOLSON PRIZE (ANATOMY), - - - - - - - | S. Whitfield Hartt, Can. |
| KERT PRIZE (OBSTETRICS), - - - - - - - | John W. Branham, Ga. |

## Worthy of Honorable Mention.

Wm. A. Hood, S. C.
Albert Joseph Laciar, Pa.
N. P. H. White, Va.
Leroy T. Nash, Va.

# TEXT-BOOKS.

(*The First-Named Book in each Branch is Preferred.*)

ery.—Erichsen, Bryant, Billroth, Holmes, Sayre's Orthopædic Surgery, Walsham's Practical Surgery.

ice of Medicine.—Bristowe, Niemeyer, Flint, Cohen on the Throat.

etrics.—Playfair, Lusk, Galabin, Cazeaux. (Latest Editions).

ses of Women.—Skene, Thomas, Byford, Goodell.

al Jurisprudence.—Taylor, Beck, Tanner on Poisons.

omy.—Leidy, Gray, Wilson, Weisse Practical Anatomy.

ia Medica.—Wood, Biddle, Farquharson, U. S. Dispensatory.

ology.—Yeo, Martin, Kirkes.

istry and Toxicology.—Simon, Charles, Wormley, Tyson.

ses of the Eye and Ear.—Wells on the Eye, Mittendorf on the Eye and Ear, Nettleship on the Eye, Burnett on the Ear.

Diseases.—Rohé, Duhring, Robinson, Hyde on Diseases of the Skin.

ses of Children.—Smith, West, Bouchut.

ous System.—Arnold's Manual of Nervous Diseases, Gowers, Ross.

al Diseases.—Spitzka.

o-Urinary Diseases.—Van Buren and Keyes, Bumstead and Taylor on Venereal Diseases, Otis on Stricture.

ne.—Rohé's Text Book of Hygiene.

logy.—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Micro-organisms in Disease, Sternberg's Bacteria.

## City Hospital Staff.

### SURGEONS.

Prof. O. J. COSKERY, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
Prof. THOS. OPIE, M. D.
" J. W. CHAMBERS, M. D.

### PHYSICIANS.

Prof. THOS. S. LATIMER, M. D.
GEORGE J. PRESTON, M. D.
Prof. GEORGE H. ROHÉ, M. D.
GEORGE THOMAS, M. D.

PATHOLOGIST, . . . . . N. G. KEIRLE, A. M., M. D
RESIDENT PHYSICIAN, . . . . . WM. F. SMITH, A. B., M. D
ASSISTANT RESIDENT PHYSICIAN, . . JOHN W. BRANHAM, M. D

## Maternité Hospital Staff.

ATTENDING OBSTETRICIANS, . . . . . Prof. THOS. OPIE, M. D
W. S. GARDNER, M. D.
RESIDENT PHYSICIAN, . . . . . W. J. TODD, M. D.

## Bay View Hospital Staff.

### VISITING SURGEONS.

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" THOS. OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
Prof. J. W. CHAMBERS, M. D.
J. H. BRANHAM, M. D.
L. F. ANKRIM, M. D.

### VISITING PHYSICIANS.

Prof. THOS S. LATIMER, M. D.
Prof. GEORGE H. ROHÉ, M. D.
GEO. J. PRESTON, M. D.
GEO. THOMAS, M. D.
F. C. BRESSLER, M. D.

RESIDENT PHYSICIAN AT BAY VIEW, . FRANK DYER SANGER, M. D

## Physiological, Pathological & Chemical Laboratories.

PROF. OF PHYSIOLOGY, . . . . HENRY SEWALL, Ph. D., M. D.
DEMONSTRATOR OF PHYSIOLOGY, . W. D. BOOKER, M. D.
" " PATHOLOGY, . N. G. KEIRLE, A. M., M. D.
" " CHEMISTRY, . W. S. GARDNER, M. D.
ASST. " " PHYSIOLOGY, . C. HAMPSON JONES, M. B. (Edin

## City Hospital Dispensary.

PHYSICIAN IN CHARGE, . . . . . N. G. KEIRLE, A. M., M. D

### CLINICAL ASSISTANTS.

Obstetrics, . . . . . WM. J. TODD, M. D.
Gynæcology, . . . . . CHAS. B. ZIEGLER, M. D.
Practice of Medicine, . . . . . F. C. BRESSLER, M. D.
JOS. B. SAUNDERS, M. D.
J. F. LANG, M. D.
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Surgery and Genito-Urinary Surgery, . . . . L. F. ANKRIM, M. D.
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JOHN W. BRANHAM, M. D.
Dermatology, . . . . . WM. WOLF, M. D.
Nervous Diseases, . . . . . J. T. SPICKNALL, M. D.
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# THE MARYLAND LYING-IN ASYLUM

## 115 West Lombard Street,

### BALTIMORE, MD.

### Under the Exclusive Control of the College of Physicians and Surgeons

This Institution is open for the reception of patients Indigent women of this City and State are admitted fo
ir confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided b
e Legislature no cost nor pains have been spared to render it as perfect as possible in all its departments The Pub
Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences whic
n conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients i
e Public Wards.

Every precaution is taken to prevent the recognition of inmates.

Private patients are furnished rooms at from $6.00 to $12.00 per week, according to the size and location of th
ambers.

For additional information apply to the Dean, or to Wm. J. Todd, M. D., House Physician.

THOMAS OPIE, M. D.
DEAN OF THE FACULTY

# COLLEGE

—OF—

# PHYSICIANS AND SURGEONS,

BALTIMORE, MD.

PHILADELPHIA:
GEORGE F. LASHER, Printer and Publisher Physicians' Mail List.
1213 and 1215 Filbert St.

1890-91.

# ANNUAL ANNOUNCEMENT
AND
# CATALOGUE

OF THE

# COLLEGE OF PHYSICIANS AND SURGEONS,

BALTIMORE, MD.

BAY VIEW ASYLUM.

ISAAC FRIEDENWALD, ENG. & PRINT.

# COLLEGE OF PHYSICIANS AND SURGEONS,

## BALTIMORE, MD.

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### FACULTY.

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THOMAS OPIE, M. D.,
Professor of Gynæcology, and Dean of the Faculty. — 600 N. Howard St.

THOMAS S. LATIMER, M. D.,
Professor of Principles and Practice of Medicine and Clinical Medicine. — 103 W. Monument St.

AARON FRIEDENWALD, M. D.,
Professor of Diseases of the Eye and Ear. — 310 N. Eutaw St.

CHARLES F. BEVAN, M. D.,
Professor of Principles and Practice of Surgery and Clinical Surgery. — 807 Cathedral St.

RICHARD GUNDRY, M. D.,
Professor of Materia Medica, Therapeutics and Mental Diseases. — Catonsville.

WM. SIMON, Ph. D., M. D.,
Professor of Chemistry. — 1348 Block St.

GEORGE H. ROHÉ, M. D.,
Professor of Obstetrics and Hygiene. — 18 W. Franklin St.

J. W. CHAMBERS, M. D.,
Professor of Anatomy and Clinical Surgery. — 309 N. Exeter St.

GEORGE J. PRESTON, M. D.,
Professor of Physiology, and Clinical Professor of Diseases of the Nervous System. — 9 E. Townsend St.

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J. H. BRANHAM, M. D.,
Demonstrator of Anatomy and Lecturer on Regional Anatomy.

GEORGE THOMAS, A. M., M. D.,
Lecturer on Diseases of the Throat and Chest.

WILLIAM S. GARDNER, M. D.,
Lecturer on Obstetrics and Demonstrator of Chemistry.

G. A. LIEBIG, Jr., Ph. D.,
Lecturer on Medical Electricity.

C. HAMPSON JONES, M. B. (Edin.), M
Demonstrator of Physiology.

HENRY P. HYNSON, Ph. G.,
Demonstrator of Pharmacy.

HARRY FRIEDENWALD, A. B., M. D.,
Lecturer on Diseases of the Eye and Ear.

FRANK C. BRESSLER, M. D.,
Lecturer on the Diseases of Children.

LOUIS F. ANKRIM, M. D.,
FRANK C. BRESSLER, M. D.,
F. G. MOYER, M. D.,
Assistant Demonstrators of Anatomy.

R. G. DAVIS, M. D.,
Prosector.

## CITY HOSPITAL STAFF.

### SURGEONS.

Prof. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" THOS. OPIE, M. D.
Prof. J. W. CHAMBERS, M. D.
J. H. BRANHAM, M. D.

### PHYSICIANS.

Prof. THOS. S. LATIMER, M. D.
" GEORGE J. PRESTON, M. D.
Prof. GEORGE H. ROHÉ, M. D.
GEORGE THOMAS, M. D.

**Pathologist,** . . . . . N. G. KEIRLE, A. M., M. D.
**Resident Physician,** . . . . WM. F. SMITH, A. B., M. D.
**Assistant Resident Physician,** . JULIUS FRIEDENWALD, A. B., M. D.
**Clinical Recorder,** . . . . . L. H. GUNDRY, M. D.

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## MATERNITÉ HOSPITAL STAFF.

**Attending Obstetricians,** . . . . . { Prof. GEORGE H. ROHÉ, M. D.
W. S. GARDNER, M. D.
**Resident Physician,** . . . . . S. H. ALLEN, M. D.

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## BAY VIEW HOSPITAL STAFF.

### VISITING SURGEONS.

Prof. THOMAS OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
Prof. J. W. CHAMBERS, M. D.
J. H. BRANHAM, M. D.
L. F. ANKRIM, M. D.

### VISITING PHYSICIANS.

Prof. THOS. S. LATIMER, M. D.
" GEORGE H. ROHÉ, M. D.
" GEORGE J. PRESTON, M. D.
GEORGE THOMAS, M. D
F. C. BRESSLER, M. D
C. HAMPSON JONES, M. B. (Edin.), M.D.

**Resident Physician at Bay View,** . . FRANK DYER SANGER, M. D.

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## PHYSIOLOGICAL, PATHOLOGICAL AND CHEMICAL LABORATORIES.

**Professor of Physiology,** . . GEORGE J. PRESTON, M. D.
**Demonstrator of Physiology,** . C. HAMPSON JONES, M. B. (Edin.), M. D.
" " **Pathology,** . N. G. KEIRLE, A. M., M. D.
" " **Chemistry,** . W. S. GARDNER, M. D.
**Assist. Demonstrator of Pathology,** JULIUS FRIEDENWALD, A. B., M. D.

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## CITY HOSPITAL DISPENSARY.

**Physician in Charge,** . . . . . N. G. KEIRLE, A. M., M. D.

### CLINICAL ASSISTANTS.

**Obstetrics,** . . . . . S. H. ALLEN, M. D.
**Gynæcology,** . . . . . CHAS. B. ZIEGLER, M. D.
**Practice of Medicine,** . . . . { F. C. BRESSLER, M. D.
JOS. B. SAUNDERS, M. D.
STANDISH McCLEARY, M. D.
**Diseases of the Eye and Ear,** . HARRY FRIEDENWALD, A. B., M. D.
**Surgery & Genito-Urinary Surgery** { L. F. ANKRIM, M. D.
R. G. DAVIS, M. D.
**Nervous Diseases,** . . . . C. HAMPSON JONES, M. B. (Edin.), M. D.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## ANNOUNCEMENT FOR 1890.

THE Nineteenth Collegiate Year of the College of Physicians and Surgeons of Baltimore will begin September 15th. The regular winter session will begin October 1st, and continue six months. In making the annual announcement the Faculty deems it proper to call attention to the great improvements which have been made both in the college building and in the course of instruction. These important changes fully exemplify the progressive spirit which has always characterized the College of Physicians and Surgeons. The new college building, a cut of which is given on another page, will be completed by October 1st. Special attention has been directed to the construction of Laboratories for practical work in Physiology, Chemistry, Normal and Pathological Histology and Bacteriology. These Laboratories will be fully equipped with apparatus and microscopes necessary for carrying on the work of the various departments. A system of bedside teaching has been inaugurated, and the class will be divided into sections and taken through the wards of the various Hospitals which are at the disposal of the Faculty.

It has been the constant aim of the Faculty to make the Course of Instruction as thoroughly practical as possible. For the accomplishment of this end, every endeavor has been made to enlarge the clinical facilities of the College, which are now unsurpassed by any institution in this country. The teaching staff has been enlarged, and the class will be divided into sections for practical work, so that the student may have the advantage of personal instruction.

# COURSE OF INSTRUCTION.

## DIDACTIC LECTURES.

Two courses of Lectures are given during the year, a Winter and Spring course. The Winter session will be preceded by preliminary lectures, chiefly clinical in character, which begin September 15 and end October 1st. The regular Winter session will begin October 1st and end April 1st, and will consist of five or six Lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific.

Special attention is called to the very practical nature of the course of instruction afforded the student.

The Laboratory courses will be as complete as possible, and bedside instruction will be given not only in the general, but also in the special branches.

The Lecture Halls are commodious, well ventilated, and have been newly furnished. The daily order of lectures (subject to slight alterations) can be seen in the following tabulated statement:

## ORDER OF LECTURES.

| Hours. | | |
|---|---|---|
| | MONDAY. | |
| 9 A. M. | Obstetrics | Prof. Rohé. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Principles and Practice of Medicine | Prof. Latimer. |
| 1 P. M. | Diseases of the Eye and Ear (Clinic) | Prof. Friedenwald. |
| 4½ " | Materia Medica and Therapeutics | Prof. Gundry. |
| | TUESDAY. | |
| 9 A. M. | Obstetrics | Prof. Rohé. |
| 10 " | Anatomy | Prof. Chambers. |
| 11 " | Medical Electricity | Dr. Liebig. |
| 12 M. | Chest and Throat (Clinic) | Dr. Thomas. |
| 1 P. M. | Gynæcology (Clinic) | Prof. Opie. |
| | WEDNESDAY. | |
| 9 A. M. | Obstetrics | Prof. Rohé. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Diseases of the Eye and Ear | Prof. Friedenwald. |
| 12 M. | Physiology | Prof. Preston. |
| 1 P. M. | Surgical Clinic | Prof. Chambers. |

THURSDAY.

| | | |
|---|---|---|
| 9 A. M. | Chemistry | Prof. Simon. |
| 10 " | Anatomy | Prof. Chambers. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Principles and Practice of Medicine (Clinic) | Prof. Latimer. |
| 1 P. M. | Gynæcology | Prof. Opie. |

FRIDAY.

| | | |
|---|---|---|
| 10 A. M. | Anatomy | Prof. Chambers. |
| 11 " | Hygiene | Prof. Rohé. |
| 12 M. | Nervous Diseases (Clinic) | Prof. Preston. |
| 1 P. M. | Surgery (Clinic) | Prof. Bevan. |
| 4½ " | Materia Medica and Therapeutics | Prof. Gundry. |
| 5½ " | Mental Diseases | Prof. Gundry. |

SATURDAY.

| | | |
|---|---|---|
| 9 A. M. | Chemistry | Prof. Simon. |
| 10 " | Operative Surgery | Prof. Chambers. |
| 11 " | Principles and Practice of Medicine | Prof. Latimer. |
| 12 M. | Dermatology | Prof. Rohé. |
| 1 P. M. | Gynæcology (Clinic) | Prof. Opie. |

Dissections Daily, N. E. corner Lombard and Hanover Streets.
Obstetric Clinics at the Maternité when cases of labor occur.
Clinics at Bay View, Tuesdays and Thursdays, at 4 P. M.
Chemical and Physiological Laboratory work in the afternoon.

## TEXT-BOOKS.

(*The First-Named Book in Each Branch is Preferred.*)

SURGERY.—Erichsen, Bryant, Holmes.
PRACTICE OF MEDICINE.—Bristowe, Strümpel, Loomis, Flint; Bosworth and Seiler, Nose and Throat.
OBSTETRICS.—Playfair, Lusk.
DISEASES OF WOMEN.—Skene, Goodell.
MEDICAL JURISPRUDENCE.—Abercrombie, Taylor.
ANATOMY.—Leidy, Gray, Wilson, Weisse on Practical Anatomy.
MATERIA MEDICA.—Wood, Farquharson.
PHYSIOLOGY.—Martin, Kirkes, Foster.
CHEMISTRY AND TOXICOLOGY.—Simon, Charles, Tyson, Remsen.
DISEASES OF THE EYE AND EAR.—Noyes on the Eye, Nettleship on the Eye, Buck on the Ear.
SKIN DISEASES.—Rohé, Hardaway.
DISEASES OF CHILDREN.—Smith.
NERVOUS SYSTEM.—Gowers, Arnold's Manual of Nervous Diseases.
MENTAL DISEASES.—Spitzka.
GENITO-URINARY DISEASES.—Van Buren and Keyes, Bumstead and Taylor on Venereal Diseases.

HYGIENE.—Rohé's Text Book of Hygiene.

PATHOLOGY.—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Micro-organisms in Disease, Ziegler's Pathology.

The necessary text-books for the course can be purchased for $50, or less.

## CLINICAL INSTRUCTION.

Few institutions in this country can offer greater clinical facilities than the College of Physicians and Surgeons. It has been the constant aim of the Faculty to increase and utilize the clinical material for teaching purposes, believing that this method of practical instruction is the best preparation for practical work. The following Hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:—

## THE NEW CITY HOSPITAL.

The completion of this hospital marks a new era in the history of the College, as it enlarges its clinical facilities to a very great degree, making them equal to those of any school in the country.

The New Hospital is a magnificent five-story structure, consisting of a building fronting 114 feet on Calvert Street, one of equal frontage on the street in the rear (an open court separating them, and facing the college building), and a central connecting building on the north end of the lot. The building occupies the spacious lot immediately adjoining the college building, formerly known as the City Spring. It will accommodate 300 patients. The plans that have been adopted for the construction of this hospital have secured for it the most approved and complete system of sanitation. Accommodations of the most approved modern character, for both private and public patients, are provided. A large number of first-class private rooms, completely isolated from that part of the building in which the public wards are located, make this one of the best hospitals for the accommodation of invalids from a distance, to be found anywhere. The public wards, 76 x 27 feet, well ventilated and lighted, furnish ample provision for the growing needs of this school.

The Sisters of Mercy have charge of this institution, which fact alone furnishes ample guarantee that it will be well managed, and that everything will be done to promote the comfort and welfare of its inmates.

## THE LYING-IN HOSPITAL.

*The Maryland Maternité*, in which the obstetrical clinics are held, was established by the College in 1874. . It is the pioneer institution of its kind in the State of Maryland, and one of the first in the country. It is located at No. 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes' walk from the college.

The Lying-in Hospital is open during the entire year, and furnishes every student in attendance upon the lectures of this school invaluable clinical advantages in the study of Midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch, step by step, its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Attendance on these clinical demonstrations is obligatory.

An out-door department has recently been established in connection with the Maternité Hospital, which will largely extend the facilities for practical instruction in Obstetrics. Advanced students

will be given special charge of cases under the personal supervision of the Professor and Demonstrator of Obstetrics.

## GYNÆCOLOGICAL CLINIC.

The practical teaching of Gynæcology, which has been so highly developed in this school, will be continued as a special feature of the curriculum. The rooms set apart in the New City Hospital for both private and public female patients will accommodate the greatest variety of cases of the diseases peculiar to women. The ready access to the amphitheatre will enable the Professor of Gynæcology to bring even the most serious cases on their beds before the class.

*The Dispensary of the Maryland Woman's Hospital*, which has been year by year growing in influence and number of patients, has become an important source of a special class of clinical material.

The Faculty, appreciating the prime necessity of thorough and practical instruction in this department of medicine, has provided separate rooms for the dispensary, and has so arranged the hours of this service as to conform to the needs of the gynæcological clinic.

The equipment of the amphitheatre has been recently better adapted to the necessities of the class, and many of the hindrances to demonstrating operations on the female generative organs have been overcome.

## BAY VIEW HOSPITAL

is situated on the eastern suburbs of Baltimore, and contains 1000 beds, exclusive of 250 in the Insane Department.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of students.

Regular clinics are given during the winter and spring sessions by the visiting staff. The amphitheatres are well lighted and comfortable, and the very large amount of clinical material affords unusual opportunities for practical teaching.

The number of deaths occurring in an institution of this size affords the fullest opportunity for witnessing post-mortem examinations and the study of pathological phenomena.

## CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new college building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting room constructed. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of the Dispensaries can be appreciated by glancing at the following list of cases treated in them last year. A large number of these cases were shown to the class:—

Number of prescriptions, 14,786; number of patients, 14,526—for year ending March 31, 1890.

## NURSERY AND CHILD'S HOSPITAL.

Professors Latimer and Bevan are members of the staff of this institution, and students have an opportunity of studying, under most favorable circumstances, the diseases of children.

## ST. JOSEPH'S GENERAL HOSPITAL.

The College of Physicians and Surgeons is represented in this important hospital by Professors Rohé and Chambers.

## HEBREW HOSPITAL.

Professors Friedenwald and Chambers are upon the staff of this institution.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors, in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

The class will be divided into sections, and on appointed days will receive instruction in the wards. The following branches will be taught:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope, by Professor Friedenwald.

Instruction is given in the diagnosis and treatment of general diseases and diseases of children by Professor Latimer.

Dr. Thomas gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Preston.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the vaginal and uterine specula, probes, tents and pessaries are illustrated.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to recognize the active movements of the fœtus and the other signs of pregnancy in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-chamber, by Professor Rohé.

The course upon Operative Surgery will embrace both minor and major surgical work: the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of Genito-Urinary diseases will be treated from both the clinical and didactic standpoint; and, in addition to this, lectures upon Clinical Surgery will be delivered by Professors Chambers and Bevan. All operations are performed in the presence of the class.

Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations, and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

## PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical, and be done in the dissecting rooms. These latter are open daily during the winter and spring sessions, under the direction of the Professor

and Demonstrators of Anatomy. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions. All necessary anatomical material is furnished to students free of charge.

## LABORATORY INSTRUCTION.

Commodious, well-lighted and fully equipped Laboratories have been constructed in the new college building, and the following practical courses will be given:

## PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration, and the nervous system. Students will be taught the use of the microscope, and the mode of cutting, staining and mounting sections of normal tissues. A number of carefully prepared sections of all the normal tissues will be shown each class, and each student will receive personal instruction from the Professor and Demonstrator.

Special facilities will be afforded students who desire to do advanced work in this department.

## PATHOLOGICAL LABORATORY.

The Demonstrator of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits, and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Demonstrator of Pathology being the official post-mortem examiner in the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the Laboratory is constantly open for any students who wish to do special work.

## CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrator. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new Laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in Dentistry of this school, who have also attended lectures on Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures and passing a successful examination in the remaining branches of the Medical Course.

## SPRING SESSION.

The Spring Session will begin April 1st and end June 15th. Attendance upon this course is not obligatory, nor will it be counted as a session in the requirement for graduation. Those who will make it convenient to attend, will find it of great advantage. The instruction given in this course includes a clinical lecture daily, one or two didactic lectures, work in the dissecting room, a course of operative surgery, in which the student will be required, under guidance, to do operations on the cadaver, and a course on bandaging and the application of surgical apparatus, and daily ward classes.

The work which the student does in practical anatomy and in the chemical laboratory during the course will relieve him of these requirements in the Winter Session.

Students are admitted to this course on payment of the Matriculation and Demonstrators' fees ($15), which amount is credited on fees for the Winter Session.

## SCHEDULE OF LECTURES, SPRING SESSION 1890.

*Monday.*

12 M.—Dr. G. A. Liebig, Jr. 1 P. M.—Prof. Friedenwald.

*Tuesday.*

9 A. M.—Prof. Simon. 12 M.—Dr. N. G. Keirle.
1 P. M.—Prof. Opie.

*Wednesday.*

12 M.—Dr. George Thomas. 1 P. M.—Prof. George J. Preston.

*Thursday.*

9 A. M.—Prof. Simon. 12 M.—Prof. Latimer
1 P. M.—Dr. H. Friedenwald.

*Friday.*

11 A. M.—Dr. W. S. Gardner. 12 M.—Prof. Gundry.
1 P. M.—Prof. Bevan.

*Saturday.*

12 M.—Dr. F. C. Bressler. 1 P. M.—Prof. Chambers.

Dissections daily after 3.30 P. M.
Physiological and Chemical Laboratories will be open daily.
Obstetrical Clinics when cases of labor occur.

Operative Surgery—10 to 12 M. { *Monday, Wednesday, Friday, Saturday.* } Dr. J. H. Branham.

## GRADUATION.

*The candidate for the degree of Doctor of Medicine must have studied medicine three years, and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education, and have passed a satisfactory examination in writing before the Faculty.*

*All students are required to register at the close of each winter session, as evidence of full attendance.*

At the recent meeting of the Association of American Medical Colleges, of which body the College of Physicians and Surgeons is a member, the following resolution was adopted:

All candidates for admission to a medical college shall be required to stand a preliminary examination, except those who are graduates of colleges or high schools.

The course of instruction shall extend over three years, six months' session, graded course, with laboratory instruction. This change to go into effect in the session of '92.

No medical college is to be recognized by the Association that does not adhere to this rule.

This rule will affect only those who matriculate for the session of '92, and thereafter.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student to thoroughly prepare himself for practice by attendance upon two courses of lectures, offer the students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special and, in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of the Eye and Ear, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

Students from other schools, on presenting satisfactory evidence of having passed in any of the branches embraced in the first and second year of the graded course, will be exempt from such examinations.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of the second year the student will be examined in the branches he has studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the last year.

The Faculty do not *require* students offering themselves to this College to adopt this graded course, but they strongly advise them to do so, as they believe that by this plan the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 500,000, affords its medical schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

The following prizes have been offered by Alumni of the College, and will be awarded by the Faculty, as follows:

*The Rickert Prize*—a complete case of obstetrical instruments—is given to the graduate who stands highest in the department of Obstetrics.

*The Nicholson Prize*—a gold medal—is presented to the graduate who stands the best examination in Anatomy.

*The Nash Prize*—a gold medal—is presented to the graduate who stands first in Surgery.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz.: three at the City Hospital, one at the Maternité, and one at the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives

board and lodging free of expense, besides unrivalled opportunities for practical study and clinical practice.

The Faculty also has the right to elect annually one resident physician to Bay View, with a salary of five hundred dollars and board and lodging.

The Faculty has the appointment of a number of resident graduate students to Bay View Asylum. These residents pay $25 per month, which includes all expenses, and have all the advantages afforded by this great charity hospital.

Twenty resident students can be accommodated in the City Hospital by paying $100 a year. This charge does not include board. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as may be required.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee, $5.

Tickets for one or more of the branches may be taken out separately.

The only fee for Physiological and Chemical Demonstrations is a charge of $2 to cover cost of materials used.

The Graduation Fee is $30 in all cases.

The above fees include all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## POST-GRADUATE FEES.

Graduates of other colleges pay half the regular fees, or $60, for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required in all cases for graduation.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their Preceptors, or other physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $60 for Professors' tickets.

## SUMMARY OF NECESSARY EXPENSES.

### College Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 120 00 |
| Diploma Fee, | 30 00 |
| Total, | $155 00 |

### Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 60 00 |
| Diploma Fee, | 30 00 |
| Total, | $95 00 |

Good board can be had at $3 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the College Building, N. W. corner of Calvert and Saratoga Streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

*Country* Patients, either male or female, coming to the city for treatment, will be furnished with excellent *hospital accommodations* in either City Hospital or Maryland Lying-in Asylum, according to the requirements of the patient; the terms being from $4 to $25 per week, according to the conveniences desired.

For further information address

THOMAS OPIE, M. D., Dean,
*College of Physicians and Surgeons,*
Baltimore, Md.

# CLASS OF 1890–91.

(Classified by States.)

| NAME. | PRECEPTOR. |
|---|---|
| **ALABAMA.** | |
| Cousins, J. C. | Dr. J. A. Coggans |
| Freeman, John D. | Dr. A. Boyd |
| Hart, B. W. | Dr. J. A. Coggans |
| Moody, D. R. | Dr. F. I. Moody |
| Spratling, E. J., B. S. | Dr. W. P. Spratling |
| **CALIFORNIA.** | |
| Archer, I. B. | |
| **CANADA.** | |
| Findlay, J. G. | |
| **CENTRAL AMERICA.** | |
| Vasquez, E. | |
| **CONNECTICUT.** | |
| Colby, C. C. | Dr. J. S. Cairolis |
| Mohr, R. E. | Dr. F. Schavoir |
| Smith, F. E. | Dr. Orville Rector |
| Wilson, Wm. P. | Dr. J. J. Wilson |
| **DELAWARE.** | |
| Pennington, L. R. | |
| Shipley, Everett | Dr. W. I. Shipley |
| **FLORIDA.** | |
| Sims, E. O. | |
| Sims, O. F. | |
| Smoke, W. H. | Dr. I. D. Smoke |
| **GEORGIA.** | |
| Baker, T. N. | Dr. J. S. Wood |
| Bailey, T. A. | |
| Champion, W. L. | Dr. J. D. Weaver |
| Davidson, J. E. | Dr. E. Hill |
| Dozier, R. T., Jr. | Dr. J. H. Branham |
| Reid, E. H. | |
| Roberts, G. O. | |
| Thorp, F. R. | |
| Wilkins, P. E. | Dr. C. H. Jones |
| Wilson, F. C. | |
| **GERMANY.** | |
| Magebohorn, A. | |

| NAME. | PRECEPTOR. |
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| **ILLINOIS.** | |
| Blaisdell, W. S. | Dr. J. W. Chambers |
| **INDIANA.** | |
| Stuart, R. W. | |
| **IOWA.** | |
| Hill, F. W. | |
| **KENTUCKY.** | |
| Creason, J. A. | Dr. R. A. Moore |
| Clark, J. B. | Dr. W. Rhodes |
| Perry, G. G. | Dr. H. Switzer |
| **LOUISIANA.** | |
| Bayon, J. P. | |
| Gantt, H. A. | Dr. B. G. Gantt |
| Rainold, Mozart W. | |
| Shaw, G. A. | Dr. A. G. Shaw |
| Winn, W. A. | Dr. B. G. Gantt |
| **MAINE.** | |
| Goff, F. R. | Dr. W. A. Bumps |
| Hews, C. A. | Dr. D. W. Fellows |
| Tarr, C. B. | |
| **MARYLAND.** | |
| Beach, I. | |
| Bolte, J. E. | Dr. R. C. Wells |
| Bond, J. G. | Dr. T. Briscoe |
| Bradshaw, R. C. | |
| Broadruff, G. L. | Dr. J. Wilson |
| Butler, A. F. | Dr. R. B. Winder |
| Cronen, T. A. | Dr. B. H. Smith |
| Dorsey, J. S. | Dr. P. Briscoe |
| Downs, J. F. | |
| Farlow, F. | Dr. G. W. Fresney |
| Frames, W. W. | Faculty |
| Friedenwald, B. D. | Dr. W. S. Twilley |
| Friedenwald, Julius | Prof. Friedenwald |
| Garee, E. C. | Dr. W. S. Gardner |
| Geer, E. | Dr. Thos. Opie |
| Geiske, G. E. | Johns Hopkins University |
| Gilroy, W. S. | Dr. R. G. Davis |
| Glenn, J. E. | Dr. W. L. Smith |
| Greene, C. E. | Prof. Simon |

| NAME. | PRECEPTOR. |
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| Gundry, L. H | Dr. W. S. Gardner |
| Hassan, T. V | |
| Hayden, H. H | Dr. J. W. Chambers |
| Henry, R. S | Dr. B. H. Smith |
| Hinman, E. H | Dr. J. R. Quinan |
| Kelly, L. D | |
| Kettoman, G. W | Dr. W. A. Riddlemoser |
| Lynch, Thos. H | Dr. T. A. Lynch |
| Marriot, Y. S., M. D | B. H. M. C. |
| McCleary, S | Dr. Thos. Opie |
| McGann, J. H | Dr. J. F. Lang |
| Mitchell, J. W | Faculty |
| Milholland, J. V | |
| Miller, W. E | Dr. Wm Rickert |
| Ohlendorff, J. C., Jr | Dr. Vess |
| Pfeiffer, J. C | |
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| Richardson, W. S | Dr. G. A. Richardson |
| Riley, W. T | Dr. A. X. Whiteford |
| Roach, J | Faculty |
| Rorshardt, L. A., Jr | |
| Simpers, I. N | Dr. J. H. Preston |
| Smith, R. P | Dr. W. L. Smith |
| Sotherland, J. C | |
| Tippett, L. M | Dr. E. Micheau |
| Trew, B | Dr. W. F. Hines |
| Wade, J. P | Dr. J. F. Wade |
| Wagner, A. S | Dr. W. F. A. Kemp |
| Wells, R. F | Dr. R. C. Wells |
| Wattenscheidt, C | Dr. W. S. Gardner |

MASSACHUSETTS.

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| Barre, J. A | Dr. J. B. Chagnon |
| Bent, E | |
| Byard, C. H | Dr. L. C. Newton |
| Chagnon, C. E | Dr. J. B. Chagnon |
| Crighton, A. J | Dr. J. J. Smith |
| Hamms, H. E | Dr. W. F. Heims |
| Hazard, Geo. S | Dr. Geo. Mackie |
| McCarthy, W. H | Dr. Smith |
| Pero, J. T | Dr. A. O. Squier |
| Readio, F. M | |
| Ryan, J. L | Faculty |
| Shoemaker, G. E | Dr. H. Heims |
| Stapleton, R. H | Faculty |

MINNESOTA.

| | |
|---|---|
| Austin, W. V | |

MISSISSIPPI.

| | |
|---|---|
| Bishop, B. M | Dr. J. M. Taylor |

MISSOURI.

| | |
|---|---|
| Todd, V. L | Missouri Med. College |

MONTANA.

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|---|---|
| Hampton, T. W | |

| NAME. | PRECEPTOR. |
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NEBRASKA.

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| Arnold, H. J | Dr. C. D. Evans |
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| Palmer, P. E | Dr. A. H. Peck |

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| Wood, C. H | Dr. Jas. B. Greely |

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| Woodward, C. P | Dr. H. Allen |

NEW YORK.

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| Royce, F | |
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| Wade, J. W | Dr. E. S. Downs |
| Wilcox, H. W | Dr. W. B. Kelly |
| Wiles, W | Dr. C. W. McCall |
| Youngs, A. D | |
| Youngs, T. R | |

NORTH CAROLINA.

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| Battle, J. J | Dr. E. L. Hunter |

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| Thompson, R. | |
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| Whitehurst, M. S. | |
| Wright, T. J. | Dr. J. R. Campbell |

## OHIO.

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| Clymer, W. E. | Dr. L. S. Woods |
| Moore, J. E. | Dr. H. W. Holmes |
| Powell, J. E. | Dr. L. S. Woods |
| Ward, J. W. | Dr. J. R. Taylor |
| Woodworth, H. W. | Dr. A. J. Learned |
| Zellars, W. A. | Dr. H. R. Miller |

## PENNSYLVANIA.

| | |
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| Aber, D. L. | |
| Austin, F. H. | Dr. A. S. Fichtner |
| Altemus, E. E. | Dr. P. J. Malone |
| Baker, S. J. | Dr. R. G. O'Hara |
| Beaumont, W. B. | Dr. I. R. Park |
| Beetem, J. L. | Dr. H. H. Longsdorf |
| Bigelow, L. I. | Dr. B. A. Bigelow |
| Bush, E. E. | Dr. L. H. Lawell |
| Chapin, W. L. | |
| Christian, J. L. | Dr. H. S. Christian |
| Clark, W. B. | Dr. A. L. Runion |
| Creaven, M. F. | Dr. J. L. Robertson |
| Davis, W. T. | Dr. O. N. Jones |
| Decker, J. M. | Dr. L. A. Roth |
| Delaney, W. E. | Dr. Connelly |
| Evans, S. G. | Dr. G. H. Rohé |
| Gamble, Blake | Dr. T. H. Gamble |
| Gass, Jas. | Dr. J. H. Wells |
| Graham, J. T. | Dr. J. M. Taylor |
| Graw, T. M. | Dr. J. J. Carroll |
| Hamilton, W. H. | Dr. A. T. Hamilton |
| Harriman, S. | Dr. A. Harriman |
| Hess, J. B. | Dr. H. G. Colley |
| Hofman, E. E. M., B. E. | Dr. J. J. Reed |
| Husten, W. T. | Dr. J. M. Taylor |
| Jackson, G. H. | Dr. W. W. Freeman |
| Keene, C. E. L. | Dr. C. D. Christman |
| Koontz, J. S. | Dr. J. S. Gardner |
| Koser, S. B. | Dr. C. F. Markell |
| Krebs, R. M. | |
| Lloyd, R. | Dr. Jones |
| Lohr, L. L. | Dr. F. T. Oberdorf |
| McGrew, W. L. (A. M.) | Faculty |
| Miller, Z. L. | Dr. J. G. Campbell |
| Minick, W. H. | Dr. A. P. T. Grove |
| Mohr, Chas. F. | Dr. E. H. Horner |
| Morgan, A. H. | Dr. J. M. Williams |
| Moshier, J. S. | Dr. E. G. Tracy |
| Moyer, F. L. | Dr. D. V. Moyer |
| Murphy, M. H. | Dr. J. J. Sullivan |
| Park, E. R. | Dr. I. R. Park |
| Randall, W. F. | Dr. F. Choffee |
| Reid, C. | Dr. H. E. Basisore |
| Scanlan, E. F. | Dr. J. J. Sullivan |
| Shatswell, J. A. | Dr. G. L. Jolly |
| Shoemaker, C. R. | |
| Smith, E. A. | Dr. O. S. Muffly |
| Smith, J. T. | Dr. J. T. Roven |
| Somerville, H. B. | Dr. G. B. Woods |
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| Strickler, A. G. | |
| Trach, D. C. | Dr. E. A. Gearhart |
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| Winley, J. W. | Dr. G. J. Jolly |
| White, J. S. | Dr. J. H. Seeling |
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| Wolfe, L. E. | Dr. G. L. Lee |
| Wood, G. W. | Dr. C. D. Wood |
| Wright, T. A. | Faculty |

## RHODE ISLAND.

| | |
|---|---|
| Black, T. F. | Dr. T. J. Smith |
| Howe, G. J. | Dr. S. S. Burton |

## SOUTH AMERICA.

| | |
|---|---|
| Ordenez, H. | |

## SOUTH CAROLINA.

| | |
|---|---|
| Brown, V. R. | Dr. C. M. Littlejohn |
| Draher, T. H. | Dr. M. A. Hendrix |
| Eubank, W. S. | Dr. J. E. Toole |
| Green, J. I. | Dr. J. E. Toole |
| Hite, P. W. | Dr. B. M. Crosson |

| NAME. | PRECEPTOR. |
|---|---|
| Kirksey, R. | Drs. Earle & Bramble |
| Mace, J. C. | Dr. B. Utley |
| Mackay, Argyle | Univ. Georgetown |
| Poovey, G. | Dr. S. S. Linder |
| Rutledge, J. E. | |
| Smith, W. A. | Dr. B. F. Walker |
| Todd, A. S. | Dr. S. M. Orr |
| Wilson, J. F. | |
| Woods, G. B. | Dr. E. Peught |

TEXAS.

| | |
|---|---|
| Andrews, V. | Drs. Andrews & Hollis |
| David, J. N. | |
| Johnson, Clay | Dr. S. W. Johnson |
| Miller, D., A. B. | Dr. S. J. Rogers |
| Miller, L. B. | Plano Institute |
| Wilkerson, J. B. | Dr. R. Middleton |

UTAH.

| | |
|---|---|
| Allen, S. H. | Dr. W. S. Gardner |

VIRGINIA.

| | |
|---|---|
| Burgess, J. K. | Dr. J. H. Moore |
| Campbell, F. L. | Dr. L. H. Keller |
| Campbell, J. H. | Dr. D. B. Zollicoffer |
| Clark, Bruce | Dr. F. Clark |
| Corbin, M. X. | Dr. V. G. Culpepper |
| Fletcher, J. R. | Dr. Thos. Opie |
| Gould, J. B. | |
| Harrison, J. A. W. | Dr. V. Wendall |
| Hierst, H. P. | Dr. A. W. Schooley |
| Hughes, S. E. | Dr. R. S. Martin |
| Jankins, W. G. | Dr. C. B. F. Jankins |
| Leatherbury, T. B. | |
| Maloney, J. C. | |
| Martin, A. L. | Dr. C. S. Webb |
| Marshall, E. L. | Dr. R. G. O'Hara |
| Merrill, L. S. | |
| Minson, W. L. | |
| Newton, W. T. | Dr. M. L. Withers |
| Owen, S. K. | Dr. B. Powell |
| Pulliam, J. L. | Dr. J. D. Pulliam |
| Rex, B. L. | Univ. of Virginia |
| Robertson, W. W. | Dr. W. S. Robertson, Jr. |
| Siple, W. H. | Dr. H. H. Jones |
| Ward, W. L. | Dr. F. West |
| Woodyard, S. W. | Dr. J. C. Blackburn |

WEST VIRGINIA.

| | |
|---|---|
| Ballard, A. B. | Dr. I. P. McNutt |
| Bee, I. E. | Dr. J. W. Hartigan |
| Blair, A. C. | Dr. T. A. Harris |
| Blake, H. P. | Dr. O. T. Bond |
| Butts, J. F. | |
| Carroll, J. J. | Dr. S. B. McCormick |
| Duffy, J. J. | Dr. W. S. Howard |
| Goff, J. J. | Dr. E. Ultz |
| Grimes, W. L. | Dr. G. W. Knapp |
| Holroyd, S. R. | Dr. W. H. Holroyd |
| Johnston, J. E. | Dr. J. W. Johnston |
| Lantz, P. | Dr. J. W. Johnston |
| Martin, J. W. | Dr. B. C. Smith |
| Melvin, W. J. | Dr. Byington |
| Meredith, C. C | |
| Perry, G. F. | Dr. C. M. Clellan |
| Perry, O. L. | Drs. Rohé & Rorhbough |
| Ridgway, F. B. | Dr. J. B. Blair |
| Schaeffer, D. M. | Dr. V. E. Perry |
| Shirkey, D. W. | Drs. Ultz & Ray |
| Shirkey, W. F. | Dr. S. Stanton |
| Shirley, R. V. | Drs. Davis & Fry |
| Stewart, W. E. | |
| Thompson, L. W. | Dr. J. C. Hughes |
| Ultz, O. L. | Dr. E. Ultz |
| Umstot, S. W. | Drs. West & Boyd |
| Whithee, N. V. | |
| Wilson, T. M. | Dr. J. A. Jamison |

WISCONSIN.

| | |
|---|---|
| Beard, A. L. | Dr. L. W. Baxter |
| Wolfrum, W. E. | |

# GRADUATING CLASS, 1890.

Andrews, V. ..... Texas
Allen, S. H. ..... Utah
Arnold, H. J. ..... Nebraska
Baker, S. J. ..... Virginia
Baker, Thos. N. ..... Georgia
Ballard, A. B. ..... West Virginia
Bee, I. E. ..... West Virginia
Bishop, B. M. ..... Mississippi
Black, Thos. F. ..... Rhode Island
Blaisdell, Walter S. ..... Illinois
Blalock, N. M. ..... North Carolina
Brown, B. R. ..... South Carolina
Bush, E. E. ..... Pennsylvania
Chagnon, Chas. E. ..... Massachusetts
Christian, J. L. ..... Pennsylvania
Clark, W. B. ..... Pennsylvania
Clymer, W. E. ..... Ohio
Dorsey, John S. ..... Maryland
Dozier, R. T., Jr. ..... Georgia
Evans, Sheldon G. ..... Pennsylvania
Friedenwald, J., A. B. ..... Maryland
Garee, E. C. ..... Maryland
Grimes, Robert Lee ..... West Virginia
Gundry, L. H. ..... Maryland
Harrison, J. W. ..... Virginia
Hazard, G. S. ..... Rhode Island
Hinman, E. H. ..... Maryland
Holroyd, S. R. ..... West Virginia
Horton, Jas. M. ..... New York City
Lilley, Fred. E. ..... New York
Lynch, Thos. H. ..... Maryland
MacMillan, G. W. ..... New Jersey
Martin, J. W. ..... West Virginia
McAllister, Wm. ..... North Carolina
McCleary, S. ..... Maryland
McGrew, W. L. ..... Pennsylvania
Miller, Dennis ..... Texas
Miller, J. S. ..... Pennsylvania
Minnich, Wm. H. ..... Pennsylvania
Moloney, R. H. ..... U. S. A.
Moore, J. E. ..... Ohio
Murphy, M. H. ..... Pennsylvania
Nicholson, L. S. ..... District of Columbia
Perry, G. G. ..... Kentucky
Petit, A. H. ..... New Hampshire
Powell, J. E. ..... Ohio
Pratt, Wm. T. ..... Maryland
Pulliam, J. L. ..... Virginia
Rex, B. L. ..... Virginia
Richardson, W. S. ..... Maryland
Riley, Wm. T. ..... Maryland
Robertson, W. W. ..... Virginia
Sanderford, J. F. ..... North Carolina
Scanlan, E. F. ..... Pennsylvania
Schaeffer, D. M. ..... West Virginia
Shatswell, J. A. ..... Pennsylvania
Shaw, Guy A. ..... Louisiana
Shirley, R. V. ..... West Virginia
Siple, W. H. ..... Virginia
Smith, Wm. R. ..... New Jersey
Summerville, H. B. ..... Pennsylvania
Thayer, Geo. C. ..... New York
Todd, V. L. ..... Missouri
Trew, Bartus. ..... Maryland
Ward, J. W. ..... Ohio
Watts, J. B. ..... North Carolina
Wilkin, P. E. ..... Georgia
Wilson, Wm. T. ..... Connecticut
Wolfe, Jacob. ..... New Jersey
Wood, G. W. ..... Pennsylvania
Wood, G. B. ..... U. S. A.
Woodworth, W. H. ..... Ohio

# GRADED COURSE.

Hall, Chas. H., passed in Chemistry, Anatomy and Physiology.
Hunt, W. J., passed in Chemistry, Anatomy, Physiology, Hygiene and Dermatology.
McCarthy, W. H., passed in Gynæcology, Diseases of the Eye and Ear, Materia Medica, Dermatology and Hygiene, Anatomy and Physiology.

**Honorary Degree of M. D.**

C. Hampson Jones, M. B. (Edinb.)

## AWARD OF PRIZES.

First College Prize (Brown Memorial) ..... Julius Friedenwald, A. B.
Second College Prize (Howard Memorial) ..... Sheldon G. Evans.
Third College Prize (Erich Memorial) ..... S. H. Allen.
Fourth College Prize (Lynch Memorial) ..... S. J. Baker.
Fifth College Prize (Coskery Memorial) ..... H. J. Arnold.
Nicholson Prize (Anatomy) ..... A. B. Ballard.
Rickert Prize (Obstetrics) ..... Sheldon G. Evans.
Nash Prize (Surgery) ..... Standish McCleary.

**Worthy of Honorable Mention.**

S. McCleary, A. B. Ballard, L. H. Gundry,
Robt. Lee Grimes, Jacob Wolfe, Dennis Miller,
Thos. N. Baker.

# ALUMNI ASSOCIATION,

# COLLEGE OF PHYSICIANS AND SURGEONS.

## OFFICERS FOR 1890-1.

*President:*

W. FRANK HINES, M. D., Chestertown, Md.

*Vice-Presidents:*

SHELDON G. EVANS, M. D. WM. J. TODD, M. D.

*Secretary:*

HARRY FRIEDENWALD, A. B., M. D., 922 Madison Ave., Baltimore, Md.

*Treasurer:*

WILLIAM S. GARDNER, M. D.

*Committee on Prize Essays:*

DRS. GEO. J. PRESTON, *Chairman*, J. H. BRANHAM and WM. F. SMITH.

*Executive Committee:*

DRS. FRANK DYER SANGER, *Chairman*, J. W. CHAMBERS and B. HOLLY SMITH.

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A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of deaths of members.

It is earnestly desired that as many of the Association as can attend, will be present at the next Annual Meeting in '91, and at the Banquet which will follow it.

# THE BALTIMORE COLLEGE OF DENTAL SURGERY

**Chartered by the Legislature of Maryland in 1839.**

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

### FACULTY.

RICHARD B. WINDER, M.D., D.D.S.,
Professor of Dental Surgery and Operative Dentistry.
M. WHILLDIN FOSTER, M.D., D.D.S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D.D.S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M.D., D.D.S., Professor of Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M.D., Professor of Physiology.
JAMES E. LINDSAY, M.D., Professor of Chemistry.
CHARLES F. BEVAN, M.D., Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
RICHARD GUNDRY, M.D., Professor of Materia Medica.

### CLINICAL INSTRUCTORS.

CORYDON PALMER, D.D.S.....Ohio
E. PARMLY BROWN, D.D.S..... .....N. Y
A. L. NORTHROP, D.D.S.....N. Y
CHAS. R. BUTLER, D.D.S.....Ohio
E. L. HUNTER, D.D.S..... .....N. C
W. W. WALKER, D.D.S.....N. Y
T. S. WATERS, D.D.S.....Md
DAVID GENESE, D.D.S..... Md
C. M. GINGRICH, D.D.S..... Md
J. N. FARRAR, M.D.....N. Y

J. HALL MOORE, M.D.....V
JOHN ALLEN, D.D..... .....N.
R. B. DONALDSON, D.D.S..... .....D.
JOHN MEYER, D.D.S..... ..... N.
H. A. PARR, D.D.S..... ..... N.
J. EMORY SCOTT, D.D.S..... .....M
E. R. RUST, D.D.S..... ... .....D.
C. L. ALEXANDER, D.D.S.....N.
G. M. EVANS..... .....N.
K. C. GIBSON..... .....N.

### DEMONSTRATORS.

R. BAYLY WINDER, JR., PHAR. G., D.D.S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D.D.S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

GEORGE E. HARDY, M.D., D.D.S. J. W. SMITH, D.D.S. J. E. ORRISON, D.D.S
W. W. DUMBRACCO, D.D.S. G. MARSHALL SMITH, D.D.S. C. S. SEIBOLD, D.D.S
C. A. ST. AMAND, D.D.S. W. S. TWILLEY, D.D.S.
B. D. FRIEDENWALD, D.D.S. A. FOLEY BUTLER, D.D.S.
J. H. BRANHAM, M.D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M.D., Assistant Demonstrator of Anatomy.

THE BALTIMORE COLLEGE OF DENTAL SURGERY, the first and for many years the only Dent School, offers facilities for the study of Dentistry proper, such as age and experience only can give. Its immen *museum*, complete apparatus, large and well-arranged building, and carefully studied *curriculum* give to i students great advantages and opportunities, both theoretical and practical; while its age gives its Diploma dignity far out-ranking all other colleges—a diploma honorably represented in all civilized countries, and he by the most distinguished members of the Dental Profession.

The fact that Dentistry must be *practically taught* is fully recognized; the *College Infirmary*, a mo complete, large and handsome *Hall*, being daily filled with clean and respectable patients, of a class near equal to those of the average dentist. *This Infirmary is open all the year*, students paying an entrance f which is deducted from those of the regular succeeding course.

The Session begins October 1, closing in March. A large corps of Demonstrators, always present, put actual practice the teachings of all lectures on Dentistry—leaving nothing undemonstrated. *All methods a fully taught*, all appliances and apparatus used; the making of instruments and the most elaborate gold a continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, careful demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its students a privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 20,oc

Graduates of the Baltimore College of Dental Surgery are required to attend but *one session* at the Colle of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M.D. (See Catalogue In accordance with the resolution adopted by the National Association of Dental Faculties in the City of Ne York on the 4th of August, 1884, and which goes into effect for the session of 1885 and 1886, the qualificatio for entering the Junior Class are a preliminary examination in the ordinary English branches.

**TERMS OF GRADUATION.**—Attendance on two Winter courses of lectures of this College; equivalent to one of these we accept *one course* in any reputable Dental College. *Graduates in Medici* who have attended one Winter course in this College and have passed one year, inclusive of the Winter Cour in the practical work of the Infirmary and Laboratory will be permitted to present themselves for graduation

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficia Student to this College at one-half the regular tuition fees. This has been for some years an established featu of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecti fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters t

**Prof. R. B. WINDER, Dean,**
**No. 716 Park Avenue, Baltimore, Md**

# THE MARYLAND LYING-IN ASYLUM,

## 115 WEST LOMBARD STREET,

## BALTIMORE, MD.

UNDER THE EXCLUSIVE CONTROL OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The Public Wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Every precaution is taken to prevent the recognition of inmates.

Private patients are furnished rooms at from $6.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to Wm. J. Todd, M. D., House Physician.

THOMAS OPIE, M. D.,

DEAN OF THE FACULTY.

NEW CITY HOSPITAL.

ADJOINING AND UNDER THE CONTROL OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

1891-92.

# Annual Announcement

AND

# Catalogue

OF THE

# College of Physicians and Surgeons, Baltimore, Md.

BAY VIEW ASYLUM.

Isaac Friedenwald Co., Eng. & Print.

# College of Physicians and Surgeons

## BALTIMORE, MD.

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## Professors and Special Instructors.

### FACULTY.

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynæcology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, Ph. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Anatomy and Clinical Surgery.*

GEORGE. J. PRESTON, A. B., M. D.,
*Professor of Physiology and Clinical Diseases of the Nervous System.*

JOSEPH H. BRANHAM, M. D.,
*Lecturer on Obstetrics.*

R. B. WINDER, M. D., D.D.S.,
*Professor of Principles and Practice of Dental Surgery as Applied to Medicine.*

### ADJUNCT FACULTY.

N. G. KEIRLE, A. M., M. D.,
*Demonstrator of Pathology and Lecturer on Legal Medicine.*

W. F. SMITH, A. B., M. D.,
*Demonstrator of Anatomy.*

GEORGE THOMAS, A. M., M. D.,
*Lecturer on Diseases of the Throat and Chest.*

WILLIAM S. GARDNER, M. D.,
*Lecturer on Obstetrics and Demonstrator of Chemistry.*

G. A. LIEBIG, Jr., Ph.D.,
*Lecturer on Medical Electricity.*

C. HAMPSON JONES (M. B. Edin.), M. D.,
*Demonstrator of Physiology.*

HENRY P. HYNSON, Ph. G.,
*Demonstrator of Pharmacy.*

HARRY FRIEDENWALD, A. B., M. D.,
*Lecturer on Diseases of the Eye and Ear.*

J. W. LORD, A. B., M. D.,
*Lecturer on Dermatology and Bandaging.*

FRANK C. BRESSLER, M. D.,
*Lecturer on the Diseases of Children.*

LOUIS F. ANKRIM, M. D.,
FRANK C. BRESSLER, M. D.,
R. G. DAVIS, M. D.,
*Assistant Demonstrators of Anatomy.*

F. D. SANGER, M. D.,
*Prosector.*

# CITY HOSPITAL STAFF.

## SURGEONS.

PROF. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
PROF. J. W. CHAMBERS, M. D.
" HARRY FRIEDENWALD, A. B., M. D.
PROF. THOS. OPIE, M. D.

## PHYSICIANS.

PROF. THOS. S. LATIMER, M. D.
" GEORGE J. PRESTON, A. B., M. D.
PROF. GEORGE H. ROHÉ, M. D.
GEORGE THOMAS, A. M., M. D.

| | |
|---|---|
| **Pathologist.** | N. G. KEIRLE, A. M., M. D. |
| **Resident Physician,** | JULIUS FRIEDENWALD, A. B., M. D. |
| **First Assistant R. P.** | JNO. OLIVER McREYNOLDS, B. S., M. D. |
| **Second " "** | GUSTAV E. GIESKE, A. B., M. D. |
| **Third " "** | J. PERCY WADE, M. D. |

# MATERNITÉ HOSPITAL STAFF.

| | |
|---|---|
| **Attending Obstetricians,** | DR. J. H. BRANHAM, W. GARDNER, M. D. |
| **Resident Physician,** | CHARLES E. GREEN, M. D. |

# BAY VIEW HOSPITAL STAFF.

## VISITING SURGEONS.

PROF. THOMAS OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
PROF. J. W. CHAMBERS, M. D.
W. F. SMITH, A. B., M. D.
L. F. ANKRIM, M. D.

## VISITING PHYSICIANS.

PROF. THOS. S. LATIMER, M. D.
" GEORGE J. PRESTON, A. B., M. D.
DR. J. H. BRANHAM,
GEORGE THOMAS, A. M., M. D.
F. C. BRESSLER, M. D.
C. HAMPSON JONES, M. B. (Edin.), M. D.

| | |
|---|---|
| **Resident Physician at Bay View,** | STANDISH McCLEARY, M. D. |

# PHYSIOLOGICAL, PATHOLOGICAL AND CHEMICAL LABORATORIES.

| | |
|---|---|
| **Professor of Chemistry,** | WM. SIMON, Ph.D., M. D. |
| **" " Physiology,** | GEORGE J. PRESTON, A. B., M. D. |
| **Demonstrator of Physiology,** | C. HAMPSON JONES, M. B. (Edin.), M. D. |
| **" " Pathology,** | N. G. KEIRLE, A. M., M. D. |
| **" " Chemistry,** | W. S. GARDNER, M. D. |
| **Asst. Demonstrator of Pathology,** | JULIUS FRIEDENWALD, A. B., M. D. |

# CITY HOSPITAL DISPENSARY.

| | |
|---|---|
| **Physician in Charge,** | N. G. KEIRLE, A. M., M. D. |

## CLINICAL ASSISTANTS.

| | |
|---|---|
| **Obstetrics,** | CHARLES E. GREEN, M. D. |
| **Gynæcology,** | W. S. GARDNER, M. D. |
| **Practice of Medicine,** | JOS. B. SAUNDERS, M. D. FRANK D. SANGER, M. D. |
| **Diseases of the Eye and Ear,** | HARRY FRIEDENWALD, A. B., M. D. |
| **Surgery and Genito-Urinary Surgery,** | L. F. ANKRIM, M. D. R. G. DAVIS, M. D. |
| **Nervous Diseases,** | C. HAMPSON JONES, M. B. (Edin.), M. D. |
| **Diseases of Children,** | F. C. BRESSLER, M. D. |
| **" " "** | C. WATTENSCHEIDT, M. D. |
| **Diseases of Throat and Chest,** | GEORGE THOMAS, A. M., M. D. |
| **" " " "** | CLAUDE BAXLEY, M. D. |
| **Dermatology,** | J. W. LORD, A. B., M. D. |

# College of Physicians and Surgeons.

## ANNOUNCEMENT FOR 1891.

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THE TWENTIETH COLLEGIATE YEAR of the COLLEGE OF PHYSICIANS AND SURGEONS will begin September 15th. The REGULAR WINTER SESSION will begin October 1st, and continue six months.

During the first session of this school, 1872–3, there were in attendance 43 students. The first graduating class numbered 18. The facilities afforded the student of medicine have, since that time, been added to year by year. The number of students in attendance upon the lecture courses has thus been gradually increased. During the session just ended there were present 472 students. Of this number the degree of "Doctor of Medicine" was conferred upon 109 candidates.

The success of the College of Physicians and Surgeons has been achieved by hard, persevering work on the part of its Faculty, without the aid of a single endowment, and with very little extraneous aid. The purpose in view has been the education of the Practical Doctor, as contradistinguished from the Theoretical Doctor. This consists mainly in Didactic Lectures and Clinical demonstrations.

The greatest desideratum of such a school is its clinical facilities. This feature is at its maximum worth when the faithful and earnest student, under the guidance of the faithful and well-qualified teacher, is given a direct and personal acquaintance with disease at the bedside of the patient. This plan of practical instruction has been made feasible by the extensive hospital and other advantages the College of Physicians and Surgeons commands.

An enumeration of the institutions, all of which are under the absolute and exclusive control of the College of Physicians and Surgeons (except Bay View), will suggest the facilities it affords.

The new and magnificent Baltimore City Hospital, with its 350 beds, in immediate juxtaposition with the College Building.

The Maryland Lying-in Asylum, the oldest institution of the kind in this State, and the first in the United States where students of medicine have been taught practical midwifery.

Bay View, the Baltimore City Almshouse, with its 2000 beds, whose doors are open to the classes of this School.

The Dispensary of the College of Physicians and Surgeons, which furnishes treatment and medicines free of charge to 20,000 patients in a year.

The facilities of the School for teaching medicine have been greatly enhanced by the erection in the past year of a commodious and admirably appointed College Building. Its fine Lecture Halls, its Physiological, Chemical and Pathological Laboratories, its equipment as to microscopes, electrical and other appliances, challenges comparison with any school of medicine in this country.

The plan adopted by the Faculty one year ago, of dividing the general class into small ward classes, and giving them individual instruction and bedside experience in the diagnosis and treatment of disease, has proven a success, and should, we think, strongly commend itself to every thoughtful member of the medical profession.

The Faculty take pleasure in announcing that a new and handsome addition to the Baltimore City Hospital is now in process of construction, upon the site of the former Woman's Hospital Building, which will be ready for occupancy before the next session. This building will be used for the male and female colored wards, and will be the first hospital ever constructed in the State of Maryland for the exclusive use of the colored race.

The Faculty of the College of Physicians and Surgeons, believing it to be the true interest of the public, as well as the medical profession, to adopt a higher grade of requirement in medical education, have joined the American Medical College Association. In accordance with the rules of this organization, a preliminary examination will be required before admission, and a three years' graded course of study will be obligatory upon all students who enter this school during and after the session which begins in the fall of 1892.

# Course of Instruction.

## CLINICAL AND DIDACTIC LECTURES.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter session will be preceded by preliminary lectures chiefly clinical in character, which begin September 15 and end October 1st. The regular Winter session will begin October 1st and end April 1st and will consist of five or six lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific.

The clinics of the regular lecture course are supplied abundantly with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors of Bay View, the Hebrew Hospital, the Child's Nursery and Hospital, and St. Joseph's Hospital, of transferring cases of special interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures will enable the reader to appreciate the practical nature of our school work.

The Laboratory courses will be as complete as possible, and bedside instruction will be given not only in the general, but also in the special branches.

The Lecture Halls are commodious, well ventilated, and have been newly furnished. The daily order of lectures (subject to slight alterations) can be seen in the following tabulated statement:

### ORDER OF LECTURES.

| HOURS. | MONDAY. | |
|---|---|---|
| 9 A. M. | Obstetrics | Dr. Branham. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Principles and Practice of Medicine | Prof. Latimer. |
| 1 P. M. | Diseases of the Eye and Ear (Clinic) | Prof. Friedenwald. |
| 4½ " | Materia Medica and Therapeutics | Prof. Rohé. |

| | TUESDAY. | |
|---|---|---|
| 9 A. M. | Obstetrics | Dr. Branham. |
| 10 " | Anatomy | Prof. Chambers. |
| 11 " | Medical Electricity | Dr. Liebig. |
| 12 M. | Chest and Throat (Clinic) | Dr. Thomas. |
| 1 P. M. | Gynæcology (Clinic) | Prof. Opie. |

| HOURS. | WEDNESDAY. | |
|---|---|---|
| 9 A. M. | Obstetrics | Dr. Branham. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Diseases of the Eye and Ear | Prof. Friedenwald. |
| 12 M. | Physiology | Prof. Preston. |
| 1 P. M. | Surgical Clinic | Prof. Chambers. |

| | THURSDAY. | |
|---|---|---|
| 9 A. M. | Chemistry | Prof. Simon. |
| 10 " | Anatomy | Prof. Chambers. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Principles and Practice of Medicine (Clinic) | Prof. Latimer. |
| 1 P. M. | Gynæcology | Prof. Opie. |

| | FRIDAY. | |
|---|---|---|
| 10 A. M. | Anatomy | Prof. Chambers. |
| 11 " | Hygiene | Prof. Rohé. |
| 12 M. | Nervous Diseases (Clinic) | Prof. Preston. |
| 1 P. M. | Surgery (Clinic) | Prof. Bevan. |
| 4½ " | Materia Medica and Therapeutics | Prof. Rohé. |

| | SATURDAY. | |
|---|---|---|
| 9 A. M. | Chemistry | Prof. Simon. |
| 10 " | Operative Surgery | Prof. Chambers. |
| 11 " | Principles and Practice of Medicine | Prof. Latimer. |
| 12 M. | Dermatology | Prof. Rohé. |
| 1 P. M. | Gynæcology (Clinic) | Prof. Opie. |

Dissections Daily.
Obstetric Clinics at the Maternité when cases of labor occur.
Clinics at Bay View, Tuesdays and Thursdays, at 4 P. M.
Chemical and Physiological Laboratory work in the afternoon.

## TEXT-BOOKS.

(*The First-Named Book in Each Branch is Preferred.*)

SURGERY.—Erichsen, Bryant, Holmes.
PRACTICE OF MEDICINE.—Bristowe, Strümpel, Loomis, Flint, Bosworth and Seiler, Nose and Throat.
OBSTETRICS.—Playfair, Lusk.
DISEASES OF WOMEN.—Skene, Goodell.
MEDICAL JURISPRUDENCE.—Abercrombie, Taylor.
ANATOMY.—Leidy, Gray, Wilson, Weisse on Practical Anatomy.
MATERIA MEDICA.—Wood, Farquharson.
PHYSIOLOGY.—Martin, Kirkes, Foster.
CHEMISTRY AND TOXICOLOGY.—Simon, Charles, Tyson, Remsen.
DISEASES OF THE EYE AND EAR.—Noyes on the Eye, Nettleship on the Eye, Buck on the Ear.
SKIN DISEASES.—Rohé, Hardaway.
DISEASES OF CHILDREN.—Smith.
NERVOUS SYSTEM.—Gowers.
MENTAL DISEASES.—Spitzka.
GENITO-URINARY DISEASES.—VanBuren and Keyes, Bumstead and Taylor on Venereal Diseases.
ELECTRICITY.—Liebig and Rohé on Medical Electricity, Massie.
HYGIENE.—Rohé's Text Book of Hygiene.
PATHOLOGY.—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Micro-organisms in Disease, Ziegler's Pathology.

## CLINICAL INSTRUCTION.

Few institutions in this country can offer greater clinical facilities than the College of Physicians and Surgeons. It has been the constant aim of the Faculty to increase and utilize the clinical material for teaching purposes, believing that this method of practical instruction is the best preparation for practical work. The following Hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:—

## THE NEW CITY HOSPITAL.

The completion of this hospital marks a new era in the history of the College, as it enlarges its clinical facilities to a very great degree, making them equal to those of any school in the country.

The New Hospital is a magnificent five-story structure, consisting of a building fronting 114 feet on Calvert Street, one of equal frontage on the street in the rear (an open court separating them, and facing the college building), and a central connecting building on the north end of the lot. The building occupies the spacious lot immediately adjoining the college building, formerly known as the City Spring. It will accommodate 300 patients. The plans that have been adopted for the construction of this hospital have secured for it the most approved and complete system of sanitation. Accommodations of the most approved modern character, for both private and public patients, are provided. A large number of first-class private rooms, completely isolated from that part of the building in which the public wards are located, make this one of the best hospitals for the accommodation of invalids from a distance, to be found anywhere. The public wards, 76 × 27 feet, well ventilated and lighted, furnish ample provision for the growing needs of this school.

The Sisters of Mercy have charge of this institution, which fact alone furnishes ample guarantee that it will be well managed, and that everything will be done to promote the comfort and welfare of its inmates.

## THE LYING-IN HOSPITAL.

*The Maryland Maternité*, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, one of the first in the country. It is located at No. 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes' walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in attendance upon the lectures of this school invaluable clinical advantages in the study of Midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch, step by step, its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Attendance on these clinical demonstrations is obligatory.

An out-door department has recently been established in connection with the Maternité Hospital, which will largely extend the facilities for practical instruction in Obstetrics. Advanced students will be given special charge of cases under personal supervision of the Professor and Demonstrator of Obstetrics.

## GYNÆCOLOGICAL CLINIC.

It has been the aim of the Faculty to develop this popular branch of medical study, and make it as practical as possible.

A capacious ward has been set apart in the main building of the City Hospital for the exclusive use of public white female patients. These inmates are admitted on condition that they may at the discretion of the Professor be utilized at the clinic. The direct communication of this ward with the amphitheatre enables the Professor of Gynæcology to bring even the most serious cases before the class.

The ward for colored females in the new hospital, erected especially for this race, is likewise most conveniently located for the purposes of the Gynæcological Clinic. In addition to the above humane provisions for this needy element of our population, private rooms have been provided, which are so constructed and equipped as to give those requiring operative treatment the full advantage of all the benefits of advanced aseptic surgery.

The Dispensary of the College of Physicians and Surgeons, which has assumed proportions and influence far beyond anything it has heretofore attained, is a fruitful source of material for the Gynæcological Clinic.

The Faculty, appreciating the prime necessity of thorough and practical instruction in the department of Diseases of Women, has provided well-lighted east rooms for this section of dispensary work, and has arranged the hours of attendance to conform to the needs of the Gynæcological Clinic.

The arrangement and recent conveniences added to the amphitheatre increase for the student the value of demonstrations and operations on the female organs of generation.

### BAY VIEW HOSPITAL

is situated on the eastern suburbs of Baltimore, and contains 2000 beds, inclusive of the department for the Insane.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of the students.

Regular clinics are given during the winter and spring sessions by the visiting staff. The amphitheatres are well lighted and comfortable, and the very large amount of clinical material affords unusual opportunities for practical teaching.

Three Resident Physicians are annually appointed at this institution, each with a salary of $500 and board—one from the Johns Hopkins University, one from the Maryland University, and one from the College of Physicians and Surgeons. Three Assistant Resident Physicians are similarly appointed.

### CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new college building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting room constructed. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of the Dispensaries can be appreciated by glancing at the following list of cases treated in them last year. A large number of these cases were shown to the class :—

Number of prescriptions, 19,874; number of patients, over 20,000 for year ending March 31, 1890.

### NURSERY AND CHILD'S HOSPITAL.

Professors Latimer and Bevan are members of the staff of this institution, and students have an opportunity of studying, under most favorable circumstances, the diseases of children.

### ST. JOSEPH'S GENERAL HOSPITAL.

The College of Physicians and Surgeons is represented in this important hospital by Professors Rohé and Chambers.

## HEBREW HOSPITAL.

Professors Friedenwald and Chambers are upon the staff of this institution.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors, in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

The class will be divided into sections, and on appointed days will receive instruction in the wards. The following branches will be taught:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope, by Professor Friedenwald.

Instruction is given in the diagnosis and treatment of general diseases of children by Professor Latimer.

Dr. Thomas gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Preston.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. The uses of the vaginal and uterine specula, probes, tents and pessaries are illustrated by Professor Opie.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to recognize the active movements of the fœtus and the other signs of pregnancy in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-chamber, by Dr. Branham.

The course upon Operative Surgery will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of Genito-Urinary diseases will be treated from both the clinical and didactic standpoint; and, in addition to this, lectures upon Clinical Surgery will be delivered by Professors Chambers and Bevan. All operations are performed in the presence of the class.

Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations, and compounding medicines—lessons of incalculable value, especially to those who propose to practice medicine in the country.

## PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical, and be done in the dissecting rooms. These latter are open daily during the winter and spring sessions, under the direction of the Professor and Demonstrators of Anatomy. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions. All necessary anatomical material is furnished to students free of charge.

## LABORATORY INSTRUCTION.

Commodious, well-lighted and fully-equipped Laboratories have been constructed in the new college building, and the following practical courses will be given:

## PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration, and the nervous system. Students will be taught the use of the microscope, and the mode of cutting, staining and mounting sections of normal tissues. A number of carefully prepared sections of all the normal tissues will be shown each class, and each student will receive personal instruction from the Professor and Demonstrator.

Special facilities will be afforded students who desire to do advanced work in this department.

## PATHOLOGICAL LABORATORY.

The Demonstrator of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits, and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ.* The Demonstrator of Pathology being the official post-mortem examiner in the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the Laboratory is constantly open for any students who wish to do special work.

## CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrator. General

qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new Laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

Graduates in Dentistry of this school, who have also attended lectures on Materia Medica, Anatomy, and Oral Surgery, will be entitled to graduate in Medicine after attending one additional course of lectures and passing a successful examination in the remaining branches of the Medical Course.

## SPRING SESSION.

The Spring Session will begin April 1st and end June 15th. Attendance upon this course is not obligatory, nor will it be counted as a session in the requirement for graduation. Those who will make it convenient to attend, will find it of great advantage. The instruction given in this course includes a clinical lecture daily, one or two didactic lectures, work in the dissecting room, a course of operative surgery, in which the student will be required, under guidance, to do operations on the cadaver, and a course on bandaging and the application of surgical apparatus, and daily ward classes.

The work which the student does in practical anatomy and in the chemical laboratory during the course will relieve him of these requirements in the Winter Session.

Students are admitted to this course on payment of the Matriculation and Demonstrator's fees ($15), which amount is credited on fees for the Winter Session.

## GRADUATION.

*The candidate for the degree of Doctor of Medicine must have studied medicine three years, and attended two full courses of lectures, the last in this College. He must be 21 years of age, of good moral character, have received a good English education, and have passed a satisfactory examination in writing before the Faculty.*

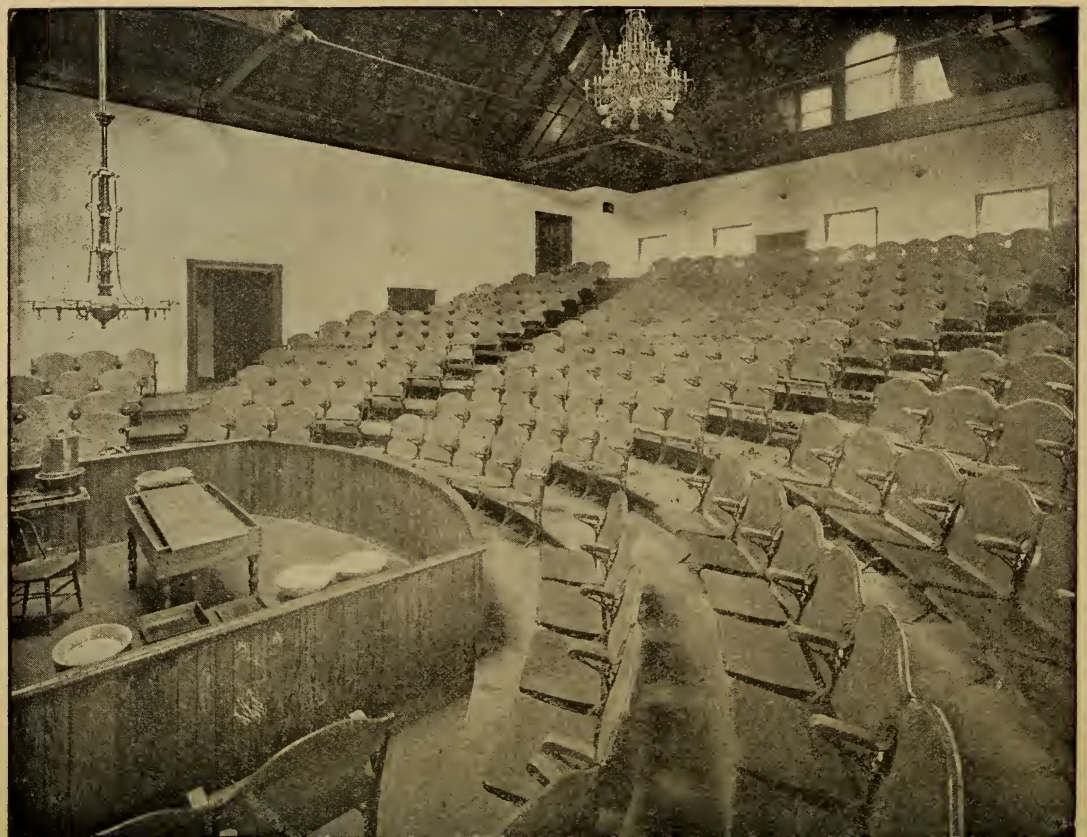
*All students are required to register at the close of each winter session, as evidence of full attendance.*

At the recent meeting of the Association of American Medical Colleges, of which body the College of Physicians and Surgeons is a member, the following resolution was adopted:

All candidates for admission to a medical college shall be required to stand a preliminary examination, except those who are graduates of colleges or high schools.

THE HOSPITAL EXCLUSIVELY FOR COLORED PATIENTS.

Under the Control of the College of Physicians and Surgeons.



The course of instruction shall extend over three years, six months' session, graded course, with laboratory instruction. This change to go into effect in the session of '92.

No medical college is to be recognized by the Association that does not adhere to this rule.

This rule will affect only those who matriculate for the session of '92, and thereafter.

## GRADED COURSES.

While the above are the only obligatory conditions for graduation in this school, the Faculty, realizing how difficult it is for the student to thoroughly prepare himself for practice by attendance upon two courses of lectures, offer the students beginning the study of medicine the option of extending the entire course into three sessions.

During the first year, Anatomy, Physiology, Materia Medica and Chemistry will be the special and, in the option of the student, the sole subjects of study.

In the second, Gynæcology, Diseases of the Eye and Ear, Diseases of the Skin, Medical Jurisprudence and Hygiene.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

Students from other schools, on presenting satisfactory evidence of having passed in any of the branches embraced in the first and second year of the graded course, will be exempt from such examinations.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

At the end of the second year the student will be examined in the branches he has studied, and if he passes, that examination will be final; but if he fails, the branch or branches upon which he fails will be added to the curriculum of the last year.

The Faculty do not *require* students offering themselves to this College to adopt this graded course, but they strongly advise them to do so, as they believe that by this plan the young graduate will be better prepared in every way to enter upon the duties and responsibilities of medical practice.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 500,000, affords its medical schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the student who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz.: four at the City Hospital and one at the Maternité, and one at the Maryland Woman's Hospital. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivalled opportunities for practical study and clinical practice.

The Faculty also has the right to elect annually one resident physician to Bay View, with a salary of five hundred dollars and board and lodging, and an assistant resident physician who receives board and lodging.

## RESIDENT STUDENTS.

The building formerly occupied by Resident Students has been removed, and an imposing hospital for the colored race has been erected in its stead.

This has necessitated a change in the preparations for Resident Students at the City Hospital.

Arrangements have been made for twenty students, who will have all the practical advantages of this large hospital, at a cost of $50 for a term of 6 months. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required. The janitor will assist them in procuring board in the immediate vicinity of the hospital.

The Faculty has the appointment of a number of resident graduate students to Bay View Asylum. These residents pay $25 per month, which includes all expenses, and have all the advantages afforded by this great charity hospital.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee, $5.

Tickets for one or more of the branches may be taken out separately.

The only fee for Physiological and Chemical demonstrations is a charge of $2 to cover cost of materials used.

The Graduation Fee is $30 in all cases.

The above fees include all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

### POST-GRADUATE FEES.

Graduates of other colleges pay half the regular fees, or $60, for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required in all cases for graduation.

### SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their Preceptors, or other physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $60 for Professors' tickets.

### SUMMARY OF NECESSARY EXPENSES.

College Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 120 00 |
| Diploma Fee, | 30 00 |
| Total, | $155 00 |

Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 60 00 |
| Diploma Fee, | 30 00 |
| Total, | $95 00 |

Good board can be had at $3.50 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information address

THOMAS OPIE, M. D., Dean,
*College of Physicians and Surgeons,*
Baltimore, Md.

# Class of 1891-92.

Classified by States.

NAME. PRECEPTOR.

ALABAMA.

Gardner, F. H.....Dr. A. S. Fricks
Giddens, J. N..... .....B. C. D. S.
Herring, W. E.....Dr. J. F. Henry
Logan, J. E.....B. C. D. S.
Moody, D. R. .....Dr. J. I. Moody
Smith, R. K.....Dr. R. M. Cunningham
Spratling, E. J.....Dr. W. P. Spratling
Stuart, J. T..... .....B. C. D. S.

AUSTRALIA.

McCabe, P. .....B. C. D. S.

CALIFORNIA.

Brown, C. D.....Dr. H. C. Bagey
Denel, E. C .....B. C. D. S.
Dick, W. A.....B. C. D. S.
Frazer, I. A.....Dr. T. I. Frazer
Griffith, Archer .....B. C. D. S.
Kestler, F. H.....Dr. J. Phelps
Kitchain, E. T.....B. C. D. S.
Long, G. H.....Dr. C. H. Castle
Miller, J. A.....Dr. H. C. Bagley
Nye, W. E..... ...Dr. H. C. Bagley

CENTRAL AMERICA.

Vasquez, E.....B. C. D. S.

CONNECTICUT.

Jackman, F. H.....B. C. D. S.
Johnson, J. W..... .....Dr. W. H. Conklin
Kenny, Clint .....B. C. D. S.
O'Connell, Thos..... .....Dr. J. J. Smith
Sorcle, R. W.....B. C. D. S.
Vann, A. J.....Dr. H. G. Vann
Von Tobel, F.....Dr. T. S. Hanchett

DELAWARE.

Shipley, E.....Dr. W. I. Shipley

DISTRICT OF COLUMBIA.

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ENGLAND.

Williams, T., Jr... .....Dr. T. A. Frazer

FLORIDA.

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Partridge, Hugh.....Faculty
Shine, F. E.....College
Sims, O. F.....B. C. D. S.

GEORGIA.

Bailey, T. A.....B. C. D. S.
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Clanton, D. S.....Dr. H. R. Mooney
Eve, R. C.....Prof. Thos. Opie
Hamilton, C. E.....B. C. D. S.
Harn, W. H.....Dr. M. M. Harn

NAME. PRECEPTOR.

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Marshall, E. B..Drs. E. B. & W. H. Marshall
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Story, C. R., M. D.....Univ. of Ga.
Thomas, D. L.....Dr. G. W. Thomas
Thorp, H.....B. C. D. S.
Walden, W. A.....
Williams, B. H..... .....B. C. D. S.
Winburn, O. H.....Dr. M. M. Harn

ILLINOIS.

Conkey, F. M.....B. C. D. S.
De Lanchy, L. F.....Dr. Minton Jay

INDIANA.

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IOWA.

Jones, G. M..... .....Dr. J. S. Stearns

KANSAS.

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McLarm, Dice...Johns Hopkins University

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Sellards, T. M.....Dr. A. Sellards
Tichenor, B. F. .....Dr. J. C. Hoover

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Garner, N. B.....Dr. R. B. Winder
Maloney, H. H.....Dr. J. H. Maloney
McCloud, C. C. .....B. C. D. S.
Rainold, M. W.....B. C. D. S.
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Truxillo, H. F.....Dr. C. A. Lovejoy
White, J. A.....Dr. W. G. Kendall
Winn, W. A.....Dr. R. G. Gault
Zelinka, P. L.....Dr. C. A. Lovejoy

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Ehle, N. H.....B. C. D. S.
Shaw, Z. P.....Dr. E. C. Bryant
Wither, F. E.....Dr. M. S. Goodrich

MASSACHUSETTS.

Barri, T. A .....Dr. J. B. Chagnon
Bent, Ernest ..... .....B. C. D. S.
Byard, C. H .....Dr. L. C. Newton
Charles, F. A.....B. C. D. S.
Crighton, A. J .....Dr. J. J. Smith
Dutra, E. O.....Dr. J. B. Chagnon
McCarthy, W. H..... Dr. T. J. Smith

| NAME. | PRECEPTOR. |
|---|---|
| Nagle, W. T. | Dr. C. W. Jackson |
| Pero, J. T. | Dr. A. O. Squier |
| Ryan, J. L. | Faculty |

MARYLAND.

| | |
|---|---|
| Ames, D. | Dr. H. M. Thomas |
| Applegarth, E. C., A. B., Ph. D. | J. H. U. |
| Beach, S. J. | B. C. D. S. |
| Bowers, J. D. | P. S. |
| Bradshaw, R. C. | B. C. D. S. |
| Broadrup, G. L. | Dr. J. J. Wilson |
| Cochel, C. A. | B. C. D. S. |
| Conrade, L. E. | Dr. Preston |
| Conroy, T. L. | Dr. S. A. Boucher |
| Derlin, J. W. | |
| Downs, F. | B. C. D. S. |
| Fischer, John | University of Maryland |
| Frames, W. W. | Faculty |
| Francis, Alex. | B. C. D. S. |
| Flinder, H. | College |
| Geer, Edwin | Prof. Opie |
| Gieske, G. E. | Johns Hopkins |
| Gilroy, W. S. | Dr. R. Y. Davis |
| Glenn, J. E. | Dr. S. McCleary |
| Greene, C. E. | Dr. Simons |
| Griffith, H. C. | Dr. J. S. Dorsey |
| Gundry, A. | |
| Hayden, H. H. | Dr. J. W. Chambers |
| Henry, R. S. | Dr. B. Holly Smith |
| Hoover, J. W. | Dr. Wm. Biddlemore |
| Jolliff, C. C | Dr. H. McGuire |
| Likes, S. H. | Johns Hopkins |
| Lotz, George | Dr. J. H. Branham |
| Lutz, J. F. | Dr. G. A. Hartman |
| Milholland, G. V. | Dr. T. S. Waters |
| Miller, W. E. | Dr. Wm. Rickert |
| Munoz, E. A. | Dr. Grove |
| Myer, S. B. | Dr. B. Myer |
| Norris, M. D. | Dr. W. H. Norris |
| Oppenheimer, A. R. | Dr. A. Friedenwald |
| Parsons, L. M. | Dr. G. M. Smith |
| Pritchard, H. J | Dr. J. E. Pritchard |
| Roach, Joseph | Faculty |
| Robinson, F. T. | Dr. J. B. Robinson |
| Rosenthal, M. T | Dr. J. H. Branham |
| Salinger | Prof. Friedenwald |
| Scalley, J. H. | Dr. W. R. Way |
| Shegogue, F. W. | B. C. D. S. |
| Smith, R. P. | Dr. W. L. Smith |
| Smythe, W. G. | Dr. J. H. Henry |
| Stromer, Geo | Dr. Wiltshire |
| Taylor, W. A. | Dr. E. S. Dashiell |
| Thillman, H. B | C. P. S. |
| Thompson, C. C., M. D. | |
| Wade, J. P | Dr. W. S. Smith |
| Wagner, A. S. | Dr. W. F. A. Kemp |
| Walters, W. H. | B. C. D. S. |
| Wattenscheidt, Chas. | Dr. W. S. Gardner |

MISSISSIPPI.

| | |
|---|---|
| Jones, W. S., D. D. S. | Dr. E. B. Robbins |
| Leonard, E. T. H | Dr. J. M. Sharp |
| Molloy, R. C. | Dr. A. C. Molloy |
| Partridge, O. A | Dr. T. E. Ross |
| Tillman, A. G | B. C. D. S. |

MISSOURI.

| | |
|---|---|
| Carter, W. C. | Dr. J. H. Carter |
| Hall, H. O. | Dr. R. Anderson |
| Smith, H. H. | Dr. M. T. Smith |

NEW BRUNSWICK.

| | |
|---|---|
| Goodwin, W. I. | B. C. D. S. |
| Mann, F. W | Dr. J. E. Brown |
| Moore, J. W | Dr. S. T. Whitney |
| Mullin, B. M. | Dr. G. E. Coullhard |

| NAME. | PRECEPTOR. |
|---|---|

NEW JERSEY.

| | |
|---|---|
| Brennan, J. A. | Dr. J. S. Gilbert |
| Burner, H. I | B. C. D. S. |
| Field, F. L. | Dr. J. T. Field |
| Foster, W. S. | Dr. S. B. Straley |
| Holbrook, W. S. | Dr. C. W. Holbrook |
| La Tourette, Wm. J. | C. P. & S. |
| Moore, E. H. | Dr. F. L. Johnson |
| Quirk, W. H. | B. C. D. S. |
| Smith, C. B. | Dr. F. M. Cook |
| Woolverton, J. | B. C. D. S. |

NEW YORK.

| | |
|---|---|
| Baron, W. E. | Dr. M. B. Hubbs |
| Callahan, W. | |
| Donnelly, T. J | Dr. J. R. Straw |
| Eddy, J. W | Drs. Phillips and Lantz |
| Fay, M. L. | Dr. T. C. Royce |
| Ford, F. A. | Dr. J. S. Phelps |
| Hunt, W. J. | Dr. W. Adamson |
| Jack, H. P. | Dr. M. B. Hubbs |
| Jay, F. D. | B. C. D. S. |
| Keator, H. Ward | Dr. A. R. Ellis |
| MacDonell, E | B. C. D. S. |
| Merritt, T. G. | Dr. D. P. Merritt |
| O'Hanlon, G. | Alfred University |
| Peddle, G. H. | Dr. W. B. Sprague |
| Persons, E. S. | Dr. J. S. Robinson |
| Peters, G. H. | Drs. Burton and Phillips |
| Pool, J. B. | Dr. C. H. Jones |
| Renolds, C. P. | Dr. R. T. Renolds |
| Royce, F. C | Dr. T. C. Royce |
| Simmons, J. G. | Dr. C. H. Jones |
| Simpson, Robt., Jr., Ph. B. | Dr. C. G. Bacon |
| Stearns, B. W. | Dr. J. B. Drake |
| Straight, A. B. | Dr. J. E. Walter |
| Sweezy, F. W. | Dr. A. H. Sweezy |
| Warren, D. E. | Dr. J. S. Hill |
| Warnes, T. F. | Dr. E. S. Warnes |
| White, H. E. | Dr. C. O. Jackson |
| Wilcox, H. W. | Dr. W. B. Kelly |
| Wilson, D. M | Dr. E. A. Mayas |
| Wood, John | B. C. D. S. |
| Youngs, A. D. | Dr. W. F. Renolds |

NORTH CAROLINA.

| | |
|---|---|
| Adams, C. A. | Dr. R. M. Patterson |
| Arn, G. F | Dr. J. W. Littleton |
| Ashworth, B. L. | Dr. M. H. Fletcher |
| Banks, Edward | Dr. T. Banks |
| Battle, J. J | Dr. E. L. Himtie |
| Baum, J. C | Dr. Orion Baum |
| Bell, D. T. | Dr. Giles Lucas |
| Black, T. E. | B. C. D. S. |
| Blackburn, T. C | Dr. J. O. Wilcox |
| Blackshear, R. D | Dr. J. A. B. Sikes |
| Blackshear, W. J. | Dr. J. A. B. Sikes |
| Bland, C. A. | B. C. D. S. |
| Bowling, E. H., B. S. | Dr. J. Sweany |
| Capps, C. P. | Dr. S. Martin |
| Carson, H. C. | Dr. Geo. Doughton |
| Casten, I. W | Dr. E. F. Corbell |
| Cole, R. S. | Dr. T. M. Hunter |
| Cowell, W. H., Jr. | Dr. F. M. Morgan |
| Dockery, W. S. | Dr. D. F. Holcomb |
| Doughton, J. L. | Dr. L. C. Gentry |
| Douglas, T. L. | Dr. W. S. Strudwick |
| Fitch, W. E. | Dr. G. S. Watson |
| Flippin, R. D. | Dr. J. M. Flippin |
| Flippin, R. E. L. | Dr. J. M. Flippin |
| Frazier, L. G. | Drs. W. T. & A. Chatham |
| Greenwood, B. H. | Dr. J. H. Baird |
| Greer, J. C. | Dr. M. A. Royall |
| Hamer, L. A. | B. C. D. S. |
| Hauphill, W. E. | Dr. A. S. Whitaker |
| High, L. F | Dr. D. B. Zollicoffer |
| Jenkins, P. M. | Dr. M. Perry |

| NAME. | PRECEPTOR. |
|---|---|
| Jones, L. W. | Dr. D. S. Cockerham |
| Jordan, G. E. | Dr. G. W. Kernodle |
| Keerans, E. P. | Dr. M. A. Bland |
| Long, W. F. | Dr. J. O. Wilcox |
| Long, W. S. | B. C. D. S. |
| Matheson, R. C. | Dr. A. G. Jones |
| Palmer, J. R. | Dr. M. Perry |
| Peck, E. D. | Dr. W. L. Reagan |
| Pennington, S. E. | Dr. J. O. Wilcox |
| Reeves, Everett | Dr. J. O. Wilcox |
| Rietzel, J. R. | Dr. W. A. Cobell |
| Rollins, E. E. | Dr. B. W. Burt |
| Russell, S. L. | Dr. E. W. Albred |
| Sadler, B. O. | B. C. D. S. |
| Shaw, W. G. | Drs. Dixon and Price |
| Thompson, J. W. | B. C. D. S. |
| Thompson, Robt. | Faculty |
| Wheless, J. R. | Dr. Wm. Edwards |
| Wright, J. T. | Dr. J. R. Campbell |

NOVA SCOTIA.

| | |
|---|---|
| Cameron, O. H. | Dr. J. T. Cameron |
| Densmere, H. S. | Faculty |
| Freeman, R. B. | Dr. G. A. Smith |
| Jackson, T. A. | B. C. D. S. |
| Lora, H. B. | B. C. D. S. |
| McDonald, Daniel | Halifax Med. College |
| Morrow, F. S. | B. C. D. S. |
| Parker, O. A. | B. C. D. S. |
| Smith, J. W. | Dr. G. A. Smith |
| Wallace, W. B. | C. P. & S. |
| Weeks, C. M. | Dr. S. M. Weeks |

OHIO.

| | |
|---|---|
| Anderson, Geo. | Dr. J. A. McGrew |
| Bowers, H. W. | C. P. & S. |
| Cass, D. S. | Dr. J. M. Guise |
| Cherry, T. M. | Dr. I. C. Wright |
| Gundry, R. F., M. D. | |
| Mehaffey | Dr. T. H. Cook |
| Nile, J. F. | Dr. S. Pyle |
| Zellars, W. A. | Dr. H. B. Miller |

OREGON.

| | |
|---|---|
| Shorey, J. L. | Dr. C. D. Evans |

PENNSYLVANIA.

| | |
|---|---|
| Aber, D. L. | Dr. B. C. Downey |
| Altemus, B. D. | B. C. D. S. |
| Altemus, C. E. | Dr. P. J. Malone |
| Anid, C. W. | Dr. E. J. Surtland |
| Baker, J. N. | Dr. G. M. Baker |
| Beatty, W. J. | B. C. D. S. |
| Beaumont, W. B. | Dr. P. H. Sumner |
| Beecher, E. J. | B. C. D. S. |
| Beetem, J. L. | Dr. H. H. Longsdors |
| Bennett, A. W. | Dr. E. B. Campbell |
| Berge, Wm. H. | Dr. A. Strau |
| Bigelow, L. I. | Dr. B. A. Bigelow |
| Bogar, J. E. | Dr. J. O. Nipple |
| Bradshaw, H. V. | Dr. W. N. Downey |
| Buchanan, J. C. | B. C. D. S. |
| Burmbaugh, B. | B. C. D. S. |
| Cannan, J. J. | Dr. J. P. Connelly |
| Chaapel, V. P. | Dr. W. T. Melnor |
| Chapin, T. L. | B. C. D. S. |
| Clark, L. B. | Dr. W. R. Clark |
| Collier, E. L. | Dr. W. A. Longameter |
| Coursin, C. C. | Drs. C. H. & R. J. Black |
| Creaven, M. T. | Dr. J. L. Robertson |
| Cummings, G. M. | Dr. D. C. Flannagan |
| Davenport, S. M. | Dr. S. M. Free |
| Davis, E. | B. C. D. S. |
| Davis, W. T. | Dr. O. A. Jones |
| Dawson, H. E. | Dr. E. H. Wells |
| Decker, J. M. | Dr. L. A. Roth |
| DeLancy, W. E. | Dr. J. P. Connelly |
| Detar, C. Y. | Dr. H. N. Hess |
| Evans, Dan. | Dr. Kingsbargh |
| Faughman, P. J. | Dr. Flannagan |
| Gass, James | Dr. J. H. Wells |
| George, C. M. | Dr. Hamilton |
| Glass, Geo. | Dr. J. H. Glass |
| Glover, J. G. | Dr. R. B. Elderdice |
| Graham, H. W. | Dr. W. E. Hanna |
| Graham, J. T. | Dr. J. M. Taylor |
| Hall, C. H. | Dr. H. C. Rogers |
| Hall, J. P. | Dr. H. P. Teter |
| Harbison, R. E. | Dr. J. L. Hazlett |
| Harriman, S. S. | Dr. A. H. Harriman |
| Helfner, S. J. | Dr. H. M. Hess |
| Henry, E. E. | B. C. D. S. |
| Henry, F. E. | Dr. Y. J. Henry |
| Hess, J. Bruce | Dr. H. G. Colley |
| Hoffman, E. E. M., B. E. | Dr. J. J. Reed |
| Hughes, S. B. | Dr. J. W. Hughes |
| Irwin, G. G. | Dr. J. W. Houston |
| Johnston, R. E., A. B. | Dr. G. G. Graham |
| Keene, C. E. L. | Dr. C. D. Christman |
| Kinzer, G. S. | Dr. G. M. Stiles |
| Knauff, W. H. | Dr. H. C. Derr |
| Koontz, J. S. | Dr. J. H. Gardner |
| Koser, S. B. | Dr. C. F. Markel |
| Kothaba, M. D. | B. C. D. S. |
| Krebe, R. M. | B. C. D. S. |
| Lewis, Wm. M. | Dr. W. H. Weaver |
| Little, W. T. | Dr. T. P. Hill |
| Lloyd, Richard | Dr. T. J. Babbitt |
| Lowe, W. L. | Dr. D. C. Eberhart |
| Maine, C. L. | Dr. C. W. Hazlitt |
| Maitland, E. E. | Drs. C. P. & S. |
| Mayer, F. L. | Dr. D. V. Mayer |
| McDonald, J. A. | Dr. C. M. McDonald |
| McFarland, G. B. | Pittsburgh Med. College |
| McGraw, W. H. | Dr. F. L. McGraw |
| Minton, James | Dr. A. L. Ashbrook |
| Mohr, C. Y. | Dr. E. H. Horner |
| Morgan, A. H. | Dr. J. M. Williams |
| Moshier, J. S. | Dr. E. G. Tracey |
| Park, E. R. | Dr. J. R. Park |
| Peairs, W. F. | Dr. J. W. Malone |
| Plank, R. A. | Dr. D. A. Plank |
| Powley, J. E. | Dr. J. H. Glass |
| Rader, V. C. | Dr. P. T. B. Shaffer |
| Rinehold, N. A. | Dr. J. R. Park |
| Ritter, I. L. | Dr. P. P. Ritter |
| Sharbaugh, W. J. | Dr. M. J. Buck |
| Sharpe, T. W. | B. C. D. S. |
| Shoemaker, C. R. | Dr. B. S. Gardner |
| Trach, D. C. | Dr. E. A. Gearhart |
| Wallis, A. W. | |
| Wendall, B. F. | Dr. J. C. D. Hennan |
| Wenner, H. M. | Dr. W. G. Morris |
| Whitman, J. D. | B. C. D. S. |
| Williams, R. J. | Dr. W. S. Young |
| Wilson, H. W. | Dr. C. D. Evans |
| Wilson, T. L. | Dr. K. Ficks |
| Wolfe, L. E. | Dr. G. L. Lee |
| Wright, J. N., B. A. | |
| Wright, T. A. | Dr. S. H. Allen |
| Young, W. N. | Dr. A. C. Sherwood |

RHODE ISLAND.

| | |
|---|---|
| Howe, G. J. | Dr. S. S. Benton |
| Kean, Thos., Jr. | Dr. James Brown |
| Murray, J. T. | Dr. J. F. Kirms |

SOUTH CAROLINA.

| | |
|---|---|
| Adams, W. H., M. D. | Dr. T. C. Smith |
| Boylston, B. R. | Dr. W. C. Smith |
| Brown, J. R. | Dr. D. O. Leonard |
| Dreher, T. H. | Dr. M. Q. Hendricks |
| Eubanks, W. S. | Dr. Toole |
| Hatch, W. I. | Dr. W. C. Klath |

| NAME. | PRECEPTOR. |
|---|---|
| Kirksey, Robt. | Drs. Earle & Bramlets |
| Lachicotte, W. F. | Dr. R. F. Smith |
| Mace, J. C. | Dr. C. B. Utley |
| Mack, W. L. | Dr. W. R. Lorman |
| Mingledorf, O. G | B. C. D. S. |
| Poovey, G. W. | Dr. S. S. Linder |
| Todd, A. S. | S. M. Orr |

TENNESSEE.

| | |
|---|---|
| Erwin, J. W. | Dr. D. M. Miller |
| Horn, S. W. | Dr. D. M. Miller |
| Miller, A. D. | Dr. D. M. Miller |
| White, E. H. | Dr. O. A. Chitwood |

TEXAS.

| | |
|---|---|
| Baldwin, W. S. | Dr. B. J. Baldwin |
| Boone, W. N. | Dr. J. W. Spalding |
| Buler, B. R. | Drs. Guthrie & Yeager |
| Dulaney, B. F. | Dr. W. Strictman |
| Jeams, W. E. | B. C. D. S. |
| Johnson, Clay | Dr. S. W. Johnson |
| Lansford, G. A | Dr. F. C. Bressler |
| Lowry, W. E | Dr. L. T. Lowry |
| Menchant, M. S. | B. C. D. S. |
| Miller, L. B., A. B. | Dr. W. S. Gardner |
| Parker, J. E | Dr. J. C. Story |
| Spalding, J. W., M. D. | Drs. C. P. & S., Balt. |
| Storey, J. E. | Dr. J. C. Storey |
| Terrell, S. | Dr. D. F. Stuart |
| Terry, C. H | B. C. D. S. |

VERMONT.

| | |
|---|---|
| Fouda, H. R. | Dr. J. Shearer |
| Hamilton, C. G. | Dr. W. F. Hamilton |
| Matthews, W. C. | Dr. F. W. Russell |
| Wieder, E. L. | Dr. C. S. Campbell |

VIRGINIA.

| | |
|---|---|
| Boaz, T. A. | Dr. Brengle |
| Bredyforth, B. | B. C. D. S. |
| Burgess, J. K. | Dr. J. H. Moore |
| Cabell, B. W. | Va. Med. College |
| Campbell, F. L. | Dr. L. H. Keller |
| Clark, Bruce | Dr. C. H. Jones |
| Coburn, A. G. | Dr. Johnson |
| Dice, R. J | Dr. J. W. Early |
| Dunkling, H | Dr. R. S. Martin |
| Eggleston, E. | B. C. D. S. |
| Etter, W. F. | Dr. J. R. Straw |
| Eubank, R. F. | College |
| Fletcher, J. R. | Prof. Opie |
| Guerrant, S. P | |
| Huff, I. E | Drs. Stighman and Mullin |
| Hubble J. E. | Dr. R. F. Young |
| Hughes, S. E | Dr. R. S. Martin |
| Leatherbury, T. B | B. C. D. S. |
| Lee, R. E. | Dr. R. W. Stewart |
| Maloney, J. C | B. C. D. S. |
| Marshall, E. L. | Dr. R. G. O'Hara |
| Martin, A. L. | Dr. C. S. Webb |
| Meade, R. C. | Dr. N. W. Stallard |
| Owens, S. R | Dr. B. Powell |
| Parker, E. B. | B. C. D. S. |
| Pusey, L. A. | Dr. Jno. Mahoney |
| Ross, C. H. | Dr. R. S. Martin |
| Saunders, C. H. | Dr. A. S. Priddy |
| Shennate, C. R. | Dr. P. Kelly |
| Smith, G. L. | Dr. J. C. Anderson |
| Stallard, N. W., M. D. | C. P. & S. |
| Straw, W. R. | Dr. J. R. Straw |
| Tabor, A. W. | Va. Med. College |
| Teasley, W. E. | B. C. D. S. |
| Walker, J. S | B. C. D. S. |
| Walker, R. H | Dr. R. Hinley |
| Wallis, W. J | Dr. T. C. Montague |
| Ward, W. L. | Dr. F. West |
| Woodyard, S. W. | Dr. Boxley |

WEST VIRGINIA.

| | |
|---|---|
| Aultz, O. L. | Dr. A. E. Aultz |
| Blair, A. C. | |
| Brush, A. B | Dr. A. J. Woofur |
| Bull, S. W. | Dr. W. W. Kidd |
| Butts, J. F | B. C. D. S. |
| Carroll, J. J | Dr. S. B. McCormick |
| Chambers, H. P. | Dr. W. A. Cracroft |
| Champe, T. P | Dr. F. S. Thomas |
| Clark, G. H. | Dr. H. M. Brown |
| Clark, Lule H. | Dr. C. W. Spangler |
| Corbin, M. L | |
| Cox, J. D. | Dr. J. W. Hartigen |
| Dawson, W. C. | Dr. G. B. Morris |
| Flowers, A. O. | Faculty |
| Flowers, E. H. | Dr. A. O. Flowers |
| Franks, H. L. | Dr. G. K. Frank |
| Goff, T. J. | Dr. A. E. Aultz |
| Hill, E. A. | Dr. I. S. Jones |
| Johnson, O. K. | Dr. H. D. Wood |
| Johnston, J. E. | Dr. J. W. Johnston |
| Lantz, Percival | Drs. Johnston and Smith |
| Lilly, L. L. | Dr. J. A. Lilly |
| McDowell, I. W. | Univ. of Maryland |
| Pearis, S. P. | Dr. I. E. Bee |
| Perry, O. L. | Dr. Rohrbrough |
| Powell, R. H. | Dr. W. C. Currey |
| Reppard, M. M. | Dr. W. A. Smith |
| Ridgway, F. B | Dr. J. B. Blair |
| Rutherford, J. F. | Dr. T. C. Martin |
| Schmeid, J. D. | Dr. J. J. Richardson |
| Shirkey, D. H | Drs. Aultz and Rog |
| Spangler, A. M. | Dr. C. W. Spangler |
| Thomas, W. J | Dr. D. A. Thomas |
| Umstat, S. W. | Dr. T. H. West |
| Wilson, T. M. | W. Va. University |
| Wolverton, J. A. J. | Dr. L. J. Stump |

WISCONSIN.

| | |
|---|---|
| Pembleton, W. E. | Dr. W. A. Gordon |
| Schaur, J. L | Dr. F. Simon |

# Graduating Class, 1891.

Adams, H. W.....South Carolina
Anderson, George.....Ohio
Aultz, Otis L.....West Virginia
Barron, William E.....New York
Beaumont, William B.....Pennsylvania
Beetem, J. Luther.....Pennsylvania
Blair, A. C.....West Virginia
Boone, William M. .....Texas
Bowling, Edwin Holt, B. S..N. Carolina
Broadrup, George L.....Maryland
Campbell, Frank Lee.....Virginia
Chambers, H. P.....West Virginia
Champion, W. Leon.....Georgia
Cherry, T. M.....Ohio
Clark, Bruce.....Virginia
Clark, L. B.....Pennsylvania
Creaven, Matthew F.....Pennsylvania
Crighton, A. J. .....Massachusetts
Davis, William Thomas...Pennsylvania
Decker, J. M. .....Pennsylvania
Delaney, Wm. E.....Pennsylvania
Dreher, Thomas H.....South Carolina
Dutra, Emmanuel C.....Massachusetts
Eubanks, Walter S.....South Carolina
Fitch, William Edwards.North Carolina
Fletcher, John Rice .....Virginia
Flowers, Arthur O.....West Virginia
Foster, W. Story.....New Jersey
Gardner, Frank H.....Alabama
Gass, James.....Pennsylvania
Geer, Edwin ..... .....Maryland
Gieske, Gustav E.....Maryland
Gilroy, W. S.....Maryland
Glass, George Robinson...Pennsylvania
Glenn, J. E. .....Maryland
Goff, Josiah J.....West Virginia
Greene, Charles E.....Maryland
Greer, James Columbus..North Carolina
Hall, Charles H.....Pennsylvania
Henry, Francis E.....Pennsylvania
Herring, William E.....Alabama
High, Louis F.....North Carolina
Horn, Simon W.....Tennessee
Hughes, S. E.....Virginia
Hunt, William John.....New York
Jack, Harvey P.....New York
Johnson, Clay.....Texas
Johnston, Joseph Eggleston. W. Virginia
Jordan, George Edmond....N. Carolina
Keane, Thomas, Jr.....Rhode Island
Keene, C. Edwin L.....Pennsylvania
Kirksey, R.....South Carolina
Koontz, J. S.....Pennsylvania
Lantz, Percival.....West Virginia
Lloyd, Richard.....Pennsylvania

Mace, John C.....South Carolin
Marshall, Edward L.....Virgini
Martin, Arthur Lewis.....Virgini
Matteson, R. C.....North Carolin
Merritt, Thomas Mickelberry...Georgi
Miller, Larkin B.....Texa
Mohr, C. F.....Pennsylvani
Moody, D. Robert.....Alabam
Morgan, Ashton H.....Pennsylvani
Moshier, James S.....Pennsylvani
McCarthy, William H....Massachusett
McDowell, I. Wodrow....West Virgini
McFarland, Geo. B., M. D..Pennsylvani
McReynolds, John Oliver, Jr..Kentuck
Owens, S. K.....Virgini
Peddle, George H.....New Yor
Pennington, S. E.....North Carolin
Pero, Joseph Thomas ....Massachusett
Perry, Orr L.....West Virgini
Peters, George H.....New Yor
Poovey, George W.....South Carolin
Reeves, Everett... . .. North Carolin
Ridgway, Fountain ... West Virgini
Roach, Joseph, D. D. S..... Marylan
Rosenthal, Melvin ..... Marylan
Saunders, C. H.....Virgini
Schauer, Julius L..... .....Wisconsi
Shipley, E.....Delawar
Shirkey, David W.....West Virgini
Shoemaker, Charles R....Pennsylvani
Shorey, J. L.....Orego
Simmons, John Gorse.....New Yor
Smith, Charles B.....New Jersey
Smith, Jordan W.....Nova Scoti
Smith, R. Percy.....Marylan
Spratling, Edgar J.....Alabam
Straight, A. Burr.....New Yor
Stromer, George.....Marylan
Todd, A. S.....South Carolin
Trach, David C.....Pennsylvani
Wade, J. P.....Marylan
Wallace, W. B.....Nova Scoti
Ward, W. Lipscomb.....Virgini
Wattenscheidt, Charles.....Marylan
Weeks, C. M.....Nova Scoti
Wheless, John R.....North Carolin
White, Elgire H. .....Tennesse
Wilson, T. L.....Pennsylvani
Wilson, T. M.....West Virgini
Winn, W. A.....Louisian
Wolfe, Lewis E.....Pennsylvani
Woodyard, S. Walter.....Virgini
Young, William N.....Pennsylvani
Zellars, William Absalom .....Ohi

# GRADED COURSE.

Ashworth, B. L., passed in Physiology, Anatomy and Chemistry.
Barre, J. A., passed in Physiology, Anatomy, Hygiene, Chemistry, Materia Medica, Diseases of the Eye and Ear, and Gynæcology.
Byard, Clayton H., passed in Physiology, Anatomy, Chemistry, Materia Medica, and Diseases of the Eye and Ear.
Cameron, O. H., passed in Physiology, Anatomy, Hygiene, Chemistry, Materia Medica, and Diseases of the Eye and Ear.
Densmore, H. S., passed in Physiology, Anatomy, Hygiene, Chemistry, Materia Medica, and Diseases of the Eye and Ear.
Fisher, J., passed in Anatomy, Chemistry, and Materia Medica.
Freeman, R. B., passed in Physiology, Anatomy, Hygiene, Chemistry, Materia Medica, and Diseases of the Eye and Ear.
Hall, John P., passed in Physiology, Anatomy, Hygiene, Chemistry, and Gynæcology.
Hoffman, E. E. M., passed in Physiology, Anatomy, Hygiene, Chemistry, and Materia Medica.
Howe, George J., passed in Physiology, Anatomy, Hygiene, Chemistry, Materia Medica, Diseases of the Eye and Ear, and Gynæcology.
Johnston, Ralph E., passed in Physiology, Hygiene, Chemistry, Materia Medica, and Diseases of the Eye and Ear.
McDonald, Daniel, passed in Physiology, Anatomy, Hygiene, Chemistry, Materia Medica, and Diseases of the Eye and Ear.
Ryan, John L., passed in Physiology, Hygiene, Chemistry, and Materia Medica.
Wagner, Albert S., passed in Physiology, Hygiene, Chemistry, Materia Medica, Diseases of the Eye and Ear, and Gynæcology.

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# AWARD OF PRIZES.

By Prof. George J. Preston, M. D.

First College Prize.....John Oliver McReynolds.
Second College Prize.....James Gass.
Third College Prize.....Charles E. Green.
Fourth College Prize.....Clay Johnson.
Fifth College Prize.....Gustav Gieske.
Anatomical Prize.....John Oliver McReynolds.
Rickert Prize (Obstetrics).....Charles Morris Weeks.
Surgical Prize.....J. Percy Wade.

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## WORTHY OF HONORABLE MENTION.

E. L. Marshall,
J. Percy Wade,
J. M. Decker,
W. J. Hunt,
J. W. Smith.
J. L. Shorey,
W. B. Beaumont,

# ALUMNI ASSOCIATION,

# College of Physicians and Surgeons.

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## OFFICERS FOR 1891-92.

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GEO. H. ROHÉ, M. D. FRANK C. BRESSLER, M. D.
GEO. THOMAS, M. D.

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A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of deaths of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '92, and at the Banquet which will follow it.

# The Baltimore College of Dental Surgery

**Chartered by the Legislature of Maryland in 1839.**

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

### FACULTY.

RICHARD B. WINDER, M. D., D. D. S., Professor of Dental Surgery and Operative Dentistry.
M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D. D. S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M. D., D. D. S., Professor of Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M. D., Professor of Physiology.
JAMES E. LINDSAY, M. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
RICHARD GUNDRY, M. D., Professor of Materia Medica.

### LECTURERS.

WM. F. SMITH, A. B., M. D., Regional Anatomy.
J. W. FARRAR, M. D., D. D. S., Irregularities.
J. MEYER, D. D. S., Continuous Gum.
DR. GEORGE EVANS, Crown and Bridge-work.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

### CLINICAL INSTRUCTORS.

CORYDON PALMER, D. D. S.....Ohio.
E. PARMLY BROWN, D. D. S.....N. Y.
A. L. NORTHROP, D. D. S.....N. Y.
CHAS. R. BUTLER, D. D. S.....Ohio.
E. L. HUNTER, D. D. S.....N. C.
W. W. WALKER, D. D. S.....N. Y.
T. S. WATERS, D. D. S.....Md.
DAVID GENESE, D. D. S.....Md.
C. M. GINGRICH, D. D. S.....Md.
J. HALL MOORE, M. D.....Va.
JOHN ALLEN, D. D. S.....N. Y.
R. B. DONALDSON, D. D. S.....D. C.
H. A. PARR, D. D. S.....N. Y.
J. EMORY SCOTT, D. D. S.....Md.
E. R. RUST, D. D. S.....D. C.
C. L. ALEXANDER, D. D. S.....N. C.

### DEMONSTRATORS.

R. BAYLY WINDER, JR., PHAR. G., D. D. S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D. D. S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

GEORGE E. HARDY, M. D., D. D. S.
W. W. DUNBRACCO, D. D. S.
J. W. SMITH, D. D. S.
G. MARSHALL SMITH, D. D. S.
J. E. ORRISON, D. D. S.
W. S. TWILLEY, D. D. S.
J. S. SUTHERLAND, D. D. S.

J. H. BRANHAM, M. D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M. D., Assistant Demonstrator of Anatomy.
R. G. DAVIS, M. D., Assistant Demonstrator of Anatomy.
W. F. SMITH, A. B., M. D., Assistant Demonstrator of Anatomy.

The Baltimore College of Dental Surgery, the first and for many years the only dental school, offers facilities for the study of dentistry proper such as age and experience only can give. Its immense museum, complete apparatus, large and well-arranged building, and carefully studied curriculum, give to its students great advantages and opportunities, both theoretical and practical, while its age gives its diploma a dignity far outranking all other colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the dental profession.

The fact that dentistry must be practically taught is fully recognized, the College Infirmary, a most complete, large and handsome hall, being daily filled with clean and respectable patients, of a class nearly equal to that of the average dentist. The Infirmary is open all the year, students paying an entrance fee, which is deducted from those of the regular succeeding course.

The session begins October 1, closing in March. A large corps of demonstrators, always present, put in actual practice the teachings of all lecturers in dentistry—leaving nothing undemonstrated. All methods are fully taught, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but one session at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D. (See Catalogue.) In accordance with the resolutions adopted by the National Association of Dental Faculties, which go into effect for the session of 1891 and 1892, the qualifications for entering the first year's course are a preliminary examination in the ordinary English branches.

**TERMS OF GRADUATION.**—Attendance on three winter courses of lectures in this College. As equivalent to one of these we accept one course in any reputable dental college. Graduates in Medicine who have attended one Winter Course in this College, and have passed one year, inclusive of the Winter Course, in the practical work of the infirmary and laboratory, will be permitted to present themselves for graduation.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular fees. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

PROF. R. B. WINDER, DEAN,

**No. 716 Park Avenue, BALTIMORE, MD.**

# MARYLAND COLLEGE OF PHARMACY,

AISQUITH, NEAR FAYETTE ST., BALTIMORE, MD.

INCORPORATED 1841.

## FACULTY.

WILLIAM SIMON, Ph. D., Ph. G., M. D., Professor of Practical and Analytical Chemistry.

CHARLES CASPARI, Ph. G., Professor of Pharmacy and Director of the Pharmaceutical Laboratory.

DAVID M. R. CULBRETH, A. M., Ph. G., M. D., Professor of Botany and Materia Medica, Microscopy, and General Quiz Instructor.

WILLIAM SCHERER, Ph. G., Assistant in Chemical Laboratory.

Our Faculty are masters in their several departments, and such care is taken that an earnest student cannot fail, when his course is finished, to have a pharmaceutical education than which none better can be obtained. Students in Pharmacy desiring to avail themselves of a course of College Training will find in this College every requisite for obtaining a thorough knowledge of their profession. Our building is new, accommodates nearly 400 students, and is perfectly equipped. For Annual Announcement, giving full particulars, address

**JOHN W. GEIGER, Secretary,**

S. E. COR. PRATT AND HIGH STS., BALTIMORE, MD.

# The Maryland Lying-in Asylum,

## 115 West Lombard Street,

## BALTIMORE, MD.

Under the Exclusive Control of the College of Physicians and Surgeons.

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The public wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

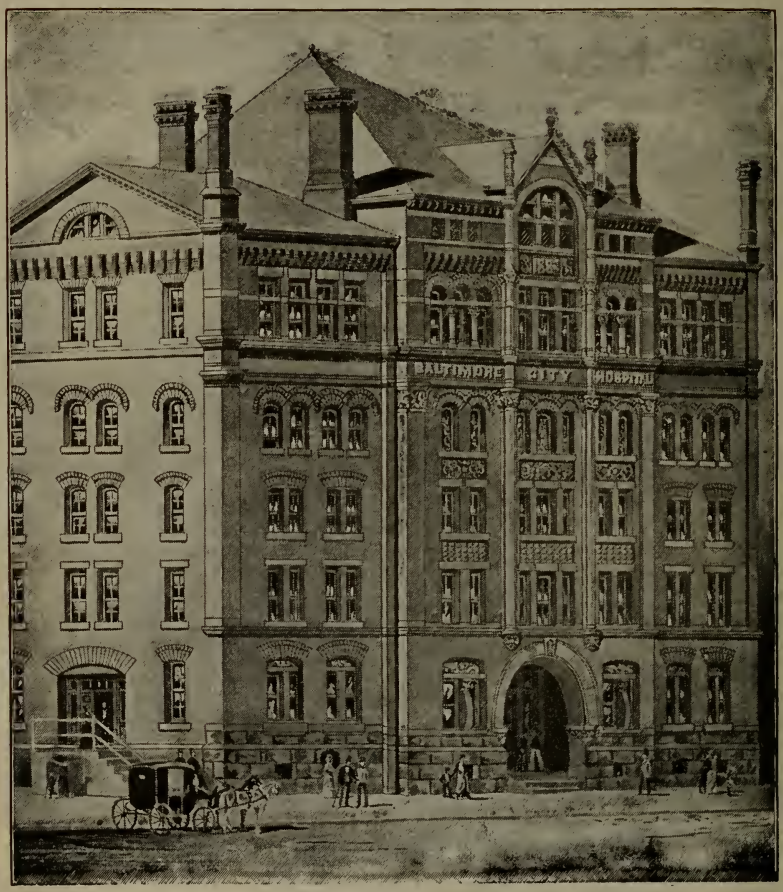
Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Every precaution is taken to prevent the recognition of inmates.

Private patients are furnished rooms at from $6.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to Charles E. Green, M. D., House Physician.

THOMAS OPIE, M. D.,
Dean of the Faculty.




NEW CITY HOSPITAL.

Adjoining and under the Control of the College of Physicians and Surgeons.

1892-93.

# Annual Announcement
AND
# Catalogue

## College of Physicians and Surgeons,
## Baltimore, Md.

Bay View Asylum.

THE FRIEDENWALD CO., ENG. & PRINT.
BALTIMORE, MD.

# College of Physicians and Surgeons,

## BALTIMORE, MD.

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### Professors and Special Instructors.

**FACULTY.**

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynæcology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, Ph. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Anatomy and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

L. E. NEALE, M. D.,
*Lecturer on Obstetrics.*

R. B. WINDER, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as Applied to Medicine.*

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**ADJUNCT FACULTY.**

JOSEPH H. BRANHAM, M. D.,
*Demonstrator of Anatomy and Lecturer on Diseases of the Rectum.*

GEORGE THOMAS, A. M., M. D.,
*Lecturer on Diseases of Throat and Chest.*

WILLIAM S. GARDNER, M. D.,
*Demonstrator of Obstetrics and of Chemistry.*

C. HAMPSON JONES (M. B. Edin.), M. D.
*Demonstrator of Physiology.*

HARRY FRIEDENWALD, A. B., M. D.,
*Lecturer on Diseases of the Eye and Ear.*

J. W. LORD, A. B., M. D.,
*Lecturer on Dermatology and Bandaging.*

FRANK C. BRESSLER, M. D.,
*Lecturer on Diseases of Children.*

HENRY P. HYNSON, Ph. G.,
*Demonstrator of Pharmacy.*

JULIUS FRIEDENWALD, A. B., M. D.,
*Demonstrator of Pathology.*

W. F. SMITH, A. B., M. D.,
*1st Assistant Demonstrator of Anatomy.*

JOHN W. BRANHAM, M. D.,
*2d Assistant Demonstrator of Anatomy.*

F. D. SANGER, M. D.,
*Prosector.*

# CITY HOSPITAL STAFF.

## SURGEONS.

PROF. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" THOMAS OPIE, M. D.
PROF. J. W. CHAMBERS, M. D.
HARRY FRIEDENWALD, A. B., M. D.
JOSEPH H. BRANHAM, M. D.

## PHYSICIANS.

PROF. THOMAS S. LATIMER, M. D.
" GEORGE J. PRESTON, A. B., M. D.
**Pathologist,** . . . . . PROF. GEORGE H. ROHÉ, M. D.
**Resident Physician,** . . . . . GEORGE THOMAS, A. M., M. D.
**First Assistant R. P.** . . . . . PROF. N. G. KEIRLE, A. M., M. D.
**Second " "** . . . . . STANDISH McCLEARY, M. D.
**Third " "** . . . . . H. H. HAYDEN, M. D.
J. NEWTON LEWIS, M. D.
MELVIN ROSENTHAL, M. D.

# MATERNITÉ HOSPITAL STAFF.

**Attending Obstetricians,** . . . . { L. E. NEALE, M. D.
W. S. GARDNER, M. D.
**Resident Physician,** . . . . W. WAYLAND FRAMES, M. D

# BAY VIEW HOSPITAL STAFF.

## VISITING SURGEONS.

PROF. THOMAS OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
PROF. J. W. CHAMBERS, M. D.
JOSEPH H. BRANHAM, M. D.
W. F. SMITH, A. B., M. D.

## VISITING PHYSICIANS.

PROF. THOS. S. LATIMER, M. D.
" GEORGE J. PRESTON, A. B., M. D.
J. W. LORD, A. B., M. D.
**Resident Physician at Bay View,**
**Asst. Res. " " " "**
GEORGE THOMAS, A. M., M. D.
F. C. BRESSLER, M. D.
C. HAMPSON JONES, M. B. (Edin.), M. D.
J. H. FORE, M. D.
R. C. EVE, M. D.

# PHYSIOLOGICAL, PATHOLOGICAL AND CHEMICAL LABORATORIES.

**Professor of Chemistry,** . . . . WM. SIMON, Ph. D., M. D.
**" " Physiology,** . . . . GEORGE J. PRESTON, A. B., M. D.
**" " Pathology,** . . . . N. G. KEIRLE, A. M., M. D.
**Demonstrator of Physiology,** . . . C. HAMPSON JONES, M. B. (Edin ), M. D.
**" " Chemistry,** . . . W. S. GARDNER, M. D.
**" " Pathology,** . . . JULIUS FRIEDENWALD, A. B., M. D.

# CITY HOSPITAL DISPENSARY.

**Physician in Charge,** . . . . . EDWIN GEER, M. D.

## CLINICAL ASSISTANTS.

**Obstetrics,** . . . . . W. WAYLAND FRAMES, M. D.
**Gynæcology,** . . . . . { W. S. GARDNER, M. D.
C. WATTENSCHEIDT, M. D.
**Practice of Medicine,** . . . . . { R. G. DAVIS, M. D.
JOS. B. SAUNDERS, M. D.
FRANK D. SANGER, M. D.
**Diseases of the Eye and Ear,** . . . HARRY FRIEDENWALD, A. B., M. D.
**Surgery and Genito-Urinary Surgery,** S. S. ULRICH, M. D.
**Nervous Diseases,** . . . . . J. U. PICKEL, M. D.
**Diseases of Children,** . . . . . F. C. BRESSLER, M. D.
**Diseases of Throat and Chest,** . . GEORGE THOMAS, A. M., M. D.
**" " " "** . . W. J. TODD, M. D.
**Dermatology,** . . . . . J. W. LORD, A. B., M. D.

# College of Physicians and Surgeons.

## ANNOUNCEMENT FOR 1892.

THE TWENTY-FIRST COLLEGIATE YEAR of the COLLEGE OF PHYSICIANS AND SURGEONS will begin September 15th. The REGULAR WINTER SESSION will begin October 1st, and continue six months.

During the first session of this school, 1872-3, there were in attendance 43 students. The first graduating class numbered 18. The facilities afforded the student of medicine have, since that time, been added to year by year. The number of students in attendance upon the lecture courses has thus been gradually increased. During the session just ended there were present 557 students. Of this number the degree of "Doctor of Medicine" was conferred upon 130 candidates.

The success of the College of Physicians and Surgeons has been achieved by hard, persevering work on the part of its Faculty, without the aid of a single endowment, and with very little extraneous aid. The purpose in view has been the education of the Practical Doctor, as contradistinguished from the Theoretical Doctor. This consists mainly in Didactic Lectures and Clinical demonstrations.

The greatest desideratum of such a school is its clinical facilities. This feature is at its maximum worth when the faithful and earnest student, under the guidance of the faithful and well-qualified teacher, is given a direct and personal acquaintance with disease at the bedside of the patient. This plan of practical instruction has been made feasible by the extensive hospital and other advantages the College of Physicians and Surgeons commands.

An enumeration of the institutions, all of which are under the absolute and exclusive control of the College of Physicians and Surgeons (except Bay View), will suggest the facilities it affords:

The new and magnificent Baltimore City Hospital, with its 350 beds, in immediate juxtaposition with the College Building.

The Maryland Lying-in Asylum, the oldest institution of the kind in this State, and was one of the first in the United States where students of medicine were taught practical midwifery.

Bay View, the Baltimore City Almshouse, with its 2000 beds (inclusive of the department for the Insane), whose doors are open to the classes of this School.

The dispensary of the College of Physicians and Surgeons, which furnishes treatment and medicines free of charge to over 30,000 patients in a year.

The facilities of the School for teaching medicine have been greatly enhanced by the erection of a commodious and admirably appointed College Building. Its fine Lecture Halls, its Physiological, Chemical and Pathological Laboratories, its equipment as to microscopes, electrical and other appliances, challenge comparison with any school of medicine in this country.

The plan adopted by the Faculty two years ago, of dividing the general class into small ward classes, and giving them individual instruction and bedside experience in the diagnosis and treatment of disease, has proven a success, and should, we think, strongly commend itself to every thoughtful member of the medical profession.

The Faculty take pleasure in announcing that a new and handsome addition to the Baltimore City Hospital has been erected on Saratoga Street adjoining the College Building, which is now open for the reception of patients. This building is used for the male and female colored wards, and is the first hospital ever constructed in the State of Maryland for the exclusive use of the colored race.

The Faculty of the College of Physicians and Surgeons, believing it to be the true interest of the public, as well as the medical profession, to adopt a higher grade of requirement in medical education, have joined the American Medical College Association. In accordance with the rules of this organization, a preliminary examination will be required before admission, and a three years' graded course of study will be obligatory upon all students who enter this school on and after July 1st, 1892.

# Course of Instruction.

## CLINICAL AND DIDACTIC LECTURES.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter session will be preceded by preliminary lectures chiefly clinical in character, which begin September 15 and end October 1st. The regular Winter session will begin October 1st and end April 1st and will consist of five or six lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors, of Bay View, the Hebrew Hospital, the Child's Nursery and Hospital, and St. Joseph's Hospital, of transferring cases of special interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures will enable the reader to appreciate the practical nature of our school work.

The Laboratory courses will be complete, and bedside instruction will be given not only in the general, but also in the special branches.

The Lecture Halls are commodious, well ventilated, and newly furnished. The daily order of lectures (subject to slight alterations) can be seen in the following tabulated statement:

## ORDER OF LECTURES.

| HOURS. | | |
|---|---|---|
| | MONDAY. | |
| 9 A. M. | Obstetrics | Dr. Neale. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Principles and Practice of Medicine | Prof. Latimer. |
| 1 P. M. | Diseases of the Eye and Ear (Clinic) | Prof. Friedenwald. |
| 4½ " | Materia Medica and Therapeutics | Prof. Rohé. |
| | TUESDAY. | |
| 9 A. M. | Pathology | Prof. Keirle. |
| 10 " | Anatomy | Prof. Chambers. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Chest and Throat (Clinic) | Dr. Thomas. |
| 1 P. M. | Diseases of the Nervous System | Prof. Preston. |
| | WEDNESDAY. | |
| 9 A. M. | Obstetrics | Dr. Neale. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Diseases of the Eye and Ear | Prof. Friedenwald. |
| 12 M. | Gynæcology | Prof. Opie. |
| 1 P. M. | Surgical Clinic | Prof. Chambers. |

| HOURS. | THURSDAY. | |
|---|---|---|
| 9 A. M. | Chemistry | Prof. Simon. |
| 10 " | Anatomy | Prof. Chambers. |
| 11 " | Physiology | Prof. Preston. |
| 12 M. | Principles and Practice of Medicine (Clinic) | Prof. Latimer. |
| 1 P. M. | Gynæcology | Prof. Opie. |

| | FRIDAY. | |
|---|---|---|
| 9 A. M. | Obstetrics | Dr. Neale. |
| 10 " | Diseases of Ear | Dr. H. Friedenwald. |
| 11 " | Anatomy | Prof. Chambers. |
| 12 M. | Hygiene and Mental Diseases | Prof. Rohé. |
| 1 P. M. | Surgery (Clinic) | Prof. Bevan. |
| 4½ " | Materia Medica and Therapeutics | Prof. Rohé. |

| | SATURDAY. | |
|---|---|---|
| 9 A. M. | Chemistry | Prof. Simon. |
| 10 " | Surgery | Prof. Bevan. |
| 11 " | Principles and Practice of Medicine | Prof. Latimer. |
| 12 M. | Dermatology | Dr. Lord. |
| 1 P. M. | Gynæcology (Clinic) | Prof. Opie. |

Dissections Daily.
Obstetric Clinics at the Maternité when cases of labor occur.
Clinics at Bay View, Tuesdays and Thursdays at 4 P. M.
Chemical and Physiological Laboratory work in the afternoon.

## TEXT-BOOKS.

(*The First-Named Book in Each Branch is Preferred.*)

SURGERY.—Erichsen, Treeves Op. Surg., Moullin.
PRACTICE OF MEDICINE.—Osler, Strümpell, Taylor, Bosworth and Seiler on Nose and Throat.
OBSTETRICS.—Playfair, Lusk.
DISEASES OF WOMEN.—Skene, Thomas and Mundé.
MEDICAL JURISPRUDENCE.—Abercrombie, Taylor.
ANATOMY.—Leidy, Gray, Wilson, Weisse on Practical Anatomy
MATERIA MEDICA.—Wood's Therapeutics.
PHYSIOLOGY.—Kirkes, Foster, Martin.
CHEMISTRY AND TOXICOLOGY.—Simon, Charles, Tyson, Remsen.
DISEASES OF THE EYE AND EAR.—Noyes on the Eye, Nettleship on the Eye, Buck on the Ear.
SKIN DISEASES.—Rohé and Lord, Hardaway.
DISEASES OF CHILDREN.—Smith.
NERVOUS SYSTEM.—Gowers.
MENTAL DISEASES.—Savage on Insanity.
GENITO-URINARY DISEASES.—VanBuren and Keyes, Bumstead and Taylor on Venereal Diseases.
ELECTRICITY.—Liebig and Rohé on Medical Electricity.
HYGIENE.—Rohé's Text Book of Hygiene.
PATHOLOGY.—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Micro-organisms in Disease, Ziegler's Pathology.

## CLINICAL INSTRUCTION.

Few institutions in this country can offer greater clinical facilities than the College of Physicians and Surgeons. It has been the constant aim of the Faculty to increase and utilize the clinical material for teaching purposes, believing that this method of practical instruction is the best preparation for practical work.

The following Hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:—

## THE NEW CITY HOSPITAL.

The completion of this hospital marks a new era in the history of the College, as it enlarges its clinical facilities to a very great degree, making them equal to those of any school in the country.

The New Hospital is a magnificent five-story structure, consisting of a building fronting 114 feet on Calvert Street, one of equal frontage on the street in the rear (an open court separating them, and facing the college building), and a central connecting building on the north end of the lot. The building occupies the spacious lot immediately adjoining the college building, formerly known as the City Spring. It will accommodate 300 patients. The plans that have been adopted for the construction of this hospital have secured for it the most approved and complete system of sanitation. Accommodations of the most approved modern character, for both private and public patients, are provided. A large number of first-class private rooms, completely isolated from that part of the building in which the public wards are located, make this one of the best hospitals for the accommodation of invalids from a distance, to be found anywhere. The public wards, 76×27 feet, well ventilated and lighted, furnish ample provision for the growing needs of this school.

The Sisters of Mercy have charge of this institution, which fact alone furnishes ample guarantee that it will be well managed, and that everything will be done to promote the comfort and welfare of its inmates.

## THE LYING-IN HOSPITAL.

*The Maryland Maternité*, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, one of the first in the country. It is located at No. 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes' walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in attendance upon the lectures of this school invaluable clinical advantages in the study of Midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact, that in no branch of medicine do bad results affect the practitioner so injuriously, as those occurring in Midwifery.

This institution enables the Professor of Obstetrics to teach Midwifery after the practical methods adopted by European schools. Students are divided into classes of six each, accordingly as their names appear upon the matriculation-book. The names and residences of the students composing the several classes are placed in a box at the office of the American District Telegraph Company. There is telegraphic communication between the Hospital and the office, so that as soon as a case of labor occurs, the House Physician can notify the office at any hour of the day or night, and without loss of time the Professor of Obstetrics and each member of the class are summoned. Students are thoroughly instructed how to diagnosticate presentations, to judge as to the stage of labor, and enabled to watch, step by step, its mechanism. They have frequent opportunities to witness the application of forceps, turning, and all other measures which science has devised for the relief of difficult and unnatural labors.

Attendance on these clinical demonstrations is obligatory.

An out-door department has recently been established in connection with the Maternité Hospital, which will largely extend the facilities for practical instruction in Obstetrics. Advanced students will be given special charge of cases under personal supervision of the Professor and Demonstrator of Obstetrics.

## GYNÆCOLOGICAL CLINIC.

It has been the aim of the Faculty to develop this popular branch of medical study, and make it as practical as possible.

A capacious ward has been set apart in the main building of the City Hospital for the exclusive use of public white female patients. These inmates are admitted on condition that they may at the discretion of the Professor be utilized at the clinic. The direct communication of this ward with the amphitheatre enables the Professor of Gynæcology to bring even the most serious cases before the class.

The ward for colored females in the new hospital, erected especially for this race, is likewise most conveniently located for the purposes of the Gynæcological Clinic. In addition to the above humane provisions for this needy element of our population, private rooms have been provided, which are so constructed and equipped as to give those requiring operative treatment the full advantage of all the benefits of advanced aseptic surgery.

The Dispensary of the College of Physicians and Surgeons, which has assumed proportions and influence far beyond anything it has heretofore attained, is a fruitful source of material for the Gynæcological Clinic.

The Faculty, appreciating the prime necessity of thorough and practical instruction in the department of Diseases of Women, has provided well-lighted east rooms for this section of dispensary work, and has arranged the hours of attendance to conform to the needs of the Gynæcological Clinic.

The arrangement and recent conveniences added to the amphitheatre increase for the student the value of demonstrations and operations on the female organs of generation.

## BAY VIEW HOSPITAL.

Bay View is situated on the eastern suburbs of Baltimore, and contains 2000 beds, inclusive of the department for the insane.

The Board of Trustees who govern this institution have kindly placed the large amount of clinical material in it at the command of the Faculty of this school, who will utilize it to the best advantage for the instruction of the students.

Regular clinics are given during the winter and spring sessions by the visiting staff. The amphitheatres are well lighted and comfortable, and the very large amount of clinical material affords unusual opportunities for practical teaching.

A Resident Physician is appointed annually from the College of Physicians and Surgeons with a salary of $500 a year; also an Assistant Resident Physician who receives his board and room free of cost.

## CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new college building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting room constructed. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by glancing at the following list of cases treated last year. A large number of these cases were shown to the class.

The number of patients was over 30,000 during the year ending April 30, 1892.

## NURSERY AND CHILD'S HOSPITAL.

Professors Latimer and Bevan are members of the staff of this institution, and students have an opportunity of studying, under most favorable circumstances, the diseases of children.

## ST. JOSEPH'S GENERAL HOSPITAL.

The College of Physicians and Surgeons is represented in this important hospital by Professor Chambers.

## HEBREW HOSPITAL.

Professors Friedenwald and Chambers are upon the staff of this institution.

## MARYLAND HOSPITAL FOR THE INSANE.

Professor Rohé is Medical Superintendent and gives instruction to ward classes at this institution.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors, in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

The class will be divided into sections, and on appointed days will receive instruction in the wards. The following branches will be taught:

Clinical instruction is given in diseases of the eye and ear. The various surgical operations are performed on these organs, and students made familiar with the use of the ophthalmoscope and otoscope, by Professor Friedenwald.

Instruction is given in the diagnosis and treatment of general diseases of children by Professor Latimer.

Dr. Thomas gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Preston.

The special arrangements provided to prevent identification of female patients attract abundant material for illustrating the various operations of Gynæcology, thus affording the student the opportunity to witness such procedures. This department is under the management of Professor Opie.

The student is afforded an opportunity to listen to the sounds of the fœtal heart, to practice ballottement, to recognize the active movements of the fœtus and the other signs of pregnancy in the wards of the Lying-in Hospital. He is made familiar with the sequelæ of labor, and is instructed in the laws to be observed in the lying-chamber, by Dr. Neale.

The course upon Operative Surgery will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of Genito-Urinary diseases will be treated from both the clinical and didactic standpoint; and, in addition to this, lectures upon Clinical Surgery will be delivered by Professors Chambers and Bevan. All operations are performed in the presence of the class.

Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations, and compounding medicines—lessons of incalculable value, especially to those who intend to practice medicine in the country.

## PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical, and be done in the dissecting rooms. These latter are open daily during the winter and spring sessions, under the direction of the Professor and Demonstrators of Anatomy. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to

present evidence of having dissected during two sessions. All necessary anatomical material is furnished to students free of charge.

## LABORATORY INSTRUCTION.

Commodious, well-lighted and fully-equipped Laboratories have been constructed in the new college building, and the following practical courses will be given:

### PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration, and the nervous system. Students will be taught the use of the microscope, and the mode of cutting, staining and mounting sections of normal tissues. A number of carefully prepared sections of all the normal tissues will be shown each class, and each student will receive personal instruction from the Professor and Demonstrator.

Special facilities will be afforded students who desire to do advanced work in this department.

### PATHOLOGICAL LABORATORY.

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits, and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner in the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the Laboratory is constantly open for any students who wish to do special work.

### CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrator. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new Laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## THE SPRING SESSION.

The Spring Session will begin April 15th and end June 30th. It has been made an important part of the collegiate year of this School.

Since a large part of the time during the Regular Session is necessarily taken up by the didactic lectures, it was deemed of great advantage to the students to make this Spring Session chiefly clinical.

Ward class instruction is made a prominent feature of this work. The whole class is divided into sections of 8 or 10 students. One or more of the sections are taken through the wards daily and are required to examine and diagnose cases under the supervision and direction of the Professors and Chiefs of Clinic.

This ward class instruction will include in rotation, General Medicine, Surgery, Obstetrics, Genito-Urinary Surgery, Gynæcology, Diseases of the Eye and Ear, Mental Diseases, Diseases of the Throat and Chest. Nervous Diseases, Diseases of the Skin, Diseases of Children, Electro-Therapeutics, and Diseases of the Rectum.

Instruction will be given in the Laboratories. In addition to the regular work, provision is made for those who desire to do special work in Chemistry, Physiology, Histology, Pathology and Bacteriology.

The student will find it greatly to his advantage to take the required courses in Dissections and in the Physiological and Chemical Laboratories, in the spring, inasmuch as it lightens the next winter's work. The spring course is not obligatory nor will it be counted as a session in the requirement for graduation. Students are admitted to this course on payment of the Matriculation and Demonstrator's fees, $15.00, which amount is deducted from their fees of the following winter session.

**The following is the Schedule of Lectures and Clinics in the Spring Session.**

| | 9 to 10 | 10 to 11 | 11 to 12 | 12 to 1 | 1 to 2 |
|---|---|---|---|---|---|
| Monday | | Operative Surgery | Dr. Bressler, Dis. of Children. | Dr. Thomas, Dis. of the Throat and Chest. | Prof. Friedenwald, Diseases of the Eye, (Clinic.) |
| Tuesday | Dr. Gardner, Chemistry. | Chemic'l Laboratory. | Chemical Laboratory | Dr. Lord, Skin Disease (Clinic.) | Prof. Opie, Gynaecology, (Clinic.) |
| Wednesday | | Operative Surgery | Dr. Jones, The Kidney and its Diseases. | Dr. Thomas, Dis. of the Throat and Chest. (Clinic.) | Prof. Chambers, Surgery, (Clinic.) |
| Thursday | Prof. Simon, Chemistry. | Chemic'l Laboratory. | Chemical Laboratory. | Prof. Latimer, General Medicine, (Clinic.) | Prof. Preston, Nervous Diseases, (Clinic.) |
| Friday | Dr. Friedenwald, Dis. of the Ear, (Clinic.) | Operative Surgery | Dr. Gardner, Obstetrics | Prof. Rohé, Mental Diseases. | Prof. Bevan, Surgery, (Clinic.) |
| Saturday | | DrSmith Regional Anatomy. | Dr. Keirle, Pathology. | Dr. Bressler, Diseases of Children, (Clinic.) | Dr. Branham, Genito-Urinary Surgery, (Clinic.) |

THE HOSPITAL EXCLUSIVELY FOR COLORED PATIENTS.
Under the Control of the College of Physicians and Surgeons.

THE CHEMICAL LABORATORY

THE PHYSIOLOGICAL LABORATORY.

THE AMPHITHEATRE

## MATRICULATION.

Hereafter a preliminary entrance examination will be required, in accordance with the rules adopted by the Association of American Medical Colleges, as follows:

1st. By writing legibly and correctly an English Composition of not less than two hundred words.

2d. By the translation of easy Latin prose.

3d. By passing an examination in the elements of algebra or higher arithmetic.

4th. By passing an examination in Elementary Physics.

It is provided, however, that students, matriculates or graduates of reputable Colleges of Literature, Science and the Arts, or graduates of High Schools of the first grade, or Normal Schools, directly supported by the State, shall be exempt from the provisions of this examination.

It is furthermore provided that students passing the entrance examination as provided by the Statute of the State of New York, be exempt from the provisions of this examination.

It is furthermore provided that students conditioned or unable to undergo the examination in Latin, as herein provided, shall be afforded a course of instruction during the Freshman year in the elements of the Latin language; said course to afford a knowledge, so far as practicable, of the derivation of Medical terms and Medical and Pharmaceutical Terminology.

It is suggested that the work of Robinson, on the derivation of Medical terms, be recommended as a suitable text-book for instruction and reference on Medical derivation and Terminology.

It is furthermore provided that before entering upon the Junior year studies, students shall be required to pass a satisfactory examination on the above branches.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have attended three full (graded) courses of lectures, the last one in this School. He must be 21 years of age, of good moral character, have received a good English education and passed a satisfactory examination before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

## THREE YEARS' GRADED COURSE.

During the first year, Anatomy, Physiology, Materia Medica, Chemistry and Histology will be the special subjects of study.

In the second, Anatomy, Physiology, Chemistry, Therapeutics, Practice of Medicine, Surgery and Obstetrics.

In the third, Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Therapeutics, Gynæcology, Diseases of Eye and Ear, Diseases of the Nervous System, Clinical Medicine and Diseases of Children.

Students from other schools, on presenting satisfactory evidence of having passed in any of the branches embraced in the first and

second years of the graded course will be exempt from examinations in such branches. With this exception, students will be examined at the end of the second year in all the branches they have studied, except those continued in the third. These examinations, if passed, will be final. In case of failure the branches in which it occurs will be added to the curriculum of the last year.

*In all cases* the candidates for graduation will be required to submit to the examinations prescribed for the third year.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 500,000, affords its medical schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical centre of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the student who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz.: four at the City Hospital, one at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician to Bay View, with a salary of five hundred dollars with board and lodging, also an assistant resident physician who receives board and lodging.

## RESIDENT STUDENTS.

The building formerly occupied by Resident Students has been removed, and an imposing hospital for the colored race has been erected in its stead.

This has necessitated a change in the preparations for Resident Students at the City Hospital.

Arrangements have been made for twenty students, who will have all the practical advantages of this large hospital, at a cost of $25 for a term of 6 months. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required. The Janitor will assist them in procuring board and lodging in the immediate vicinity of the hospital.

The Faculty has the appointment of a number of resident graduate students to Bay View Asylum. These residents pay $25 per month, which includes all expenses, and have all the advantages afforded by this great charity hospital.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $120, and matriculation fee, $5.

Tickets for one or more of the branches may be taken out separately.

The only fee for Physiological and Chemical demonstrations is a charge of $2 to cover cost of materials used.

The Graduation fee is $30 in all cases.

The above fees include all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## POST-GRADUATE FEES.

Graduates of other colleges pay half the regular fees, or $60, for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required in all cases for graduation.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their Preceptors, or other physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $60 for Professors' tickets.

## SUMMARY OF NECESSARY EXPENSES.

College Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 120 00 |
| Diploma Fee, | 30 00 |
| Total, | $155 00 |

Scholarship Fees.

| | |
|---|---|
| Matriculation, | $ 5 00 |
| Lectures, | 60 00 |
| Diploma Fee, | 30 00 |
| Total, | $95 00 |

Good board can be had at $3.50 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information address

THOMAS OPIE, M. D., Dean,

*College of Physicians and Surgeons,*

Baltimore, Md.

# Class of 1891-92.

## Classified by States.

| NAME. | PRECEPTOR. |
|---|---|
| **ALABAMA.** | |
| Beason, W. A | Dr. J. B. Bass |
| Betts, R. I | B. C. D. S. |
| Giddens, J. A | B. C. D. S. |
| Logan, J. O | B. C. D. S. |
| Moore, J. S | Dr. W. H. Stevens |
| Noftel, J. A | Dr. S. J. Noftel |
| Riggs, S. W | Dr. E. P. Riggs |
| Smith, R. K | Dr. R. M. Cunningham |
| Stewart, J. T | B. C. D. S. |
| Stough, T. J | Dr. B. D. Stough |
| Vaughan, P. T. Jr. | Dr. E. B. Ward |
| Ward, E. D | Dr. J. H. Finch |
| **ARKANSAS.** | |
| Blankenship, W. H. | Dr. E. H. Carson |
| **AUSTRALIA.** | |
| McCabe, P | Dr. W. H. Moore |
| **CALIFORNIA.** | |
| Frazer, I. A | B. C. D. S. |
| Griffith, C. A | B. C. D. S. |
| Kestler, F. H | Dr. I. G. Shaw |
| Ketchum, Ed | B. C. D. S. |
| **COLORADO.** | |
| Donaldson, J. R | B. C. D. S. |
| Donaldson, J. S | B. C. D. S. |
| Guyer, C. N | B. C. D. S. |
| **CONNECTICUT.** | |
| Bailey, M. A | Dr. G. C. Bailey |
| Boucher, J. B | Dr. J. J. Smith |
| Johnson, J. W | Dr. W. H. Conklin |
| Kenney, C | B. C. D. S. |
| Morrison, T. E | Dr. O. C. Smith |
| Oates, W. M | Dr. W. J. Coyle |
| O'Connell, T | Dr. J. J. Smith |
| O'Hara, W. J | Dr. D. S. Sullivan |
| Varno, A. J | Dr. H. G. Varno |
| Von Tobel, A. J | Dr. T. S. Hanchett |
| Walsh, J. G | Dr. J. Menmonier |
| **DELAWARE.** | |
| Downes, M. E. | Dr. J. M. Downes |
| Hitch, J. M | Dr. W. J. Hitch |
| Quinn, G. W | Dr. W. P. Miller |
| **DISTRICT OF COLUMBIA.** | |
| Stearns, J. S | Johns Hopkins Univ. |
| **ENGLAND.** | |
| Knowles, F. E | Dr. C. F. W. Myers |
| Williams, T. V | Dr. T. A. Fraser |
| **FLORIDA.** | |
| Stephens, W | B. C. D. S. |
| **GEORGIA.** | |
| Blackshear, R. D | Dr. J. A. B. Sikes |
| Blackshear, W. J | Dr. J. A. B. Sikes |
| Boring, H. M | Dr. E. P. Rose |
| Clanton, D. S | Dr. H. R. Mooney |
| Clark, J. B., A. B | Dr. J. Friedenwald |
| Collins, E. J | B. C. D. S. |
| Eberhardt, L. P | Dr. M. P. Deadwyler |
| Eve, R. C | Dr. Thos. Opie |
| Lanier, H. L | Dr. J. A. Ethridge |
| Miller, B. E | Dr. J. M. Smith |
| Nisbet, F. P | Dr. Nisbet |
| Norton, W. E | Dr. R. G. Norton |
| Prichard, P | Dr. E. H. Williams |
| Prior, F. M | Dr. A. A. Bell |
| Rainey, E. K | B. C. D. S. |
| Sessions, J. H | Dr. J. E. Douglass |
| Seymour, J. W | Dr. H. B. Harper |
| Stovall, G. M | Dr. A. S. J. Stovall |
| Thomas, D. L. | Dr. T. W. Thomas |
| Twitty, F. S | Dr. W. W. Twitty |
| Williams, B. H | B. C. D. S. |
| Winturn, C. H | Dr. H. M. Ham |
| **INDIANA.** | |
| Alexander, W. S | Dr. W. M. Garretson |
| Dick, C. C | Dr. G. L. Curtiss |
| **INDIAN TERRITORY.** | |
| Garrett, T. E | Dr. M. A. Sparks |
| **IOWA.** | |
| Stumbaugh, W. D | Dr. W. E. Mooer |
| **KANSAS.** | |
| Cassaday, H. V | Dr. J. E. Sawtell |
| **KENTUCKY.** | |
| Cooper, H. C. | Dr. H. S. Jones |
| Matthews, W. J | Dr. J. W. Cox |
| **LOUISIANA.** | |
| McCloud, C. C | B. C. D. S. |
| Terry, W. P | B. C. D. S. |
| Trawick, W. C | Dr. C. E. Kells |
| Truxillo, H. A. | B. C. D. S. |
| White, J. A | Dr. W. S. Kendall |
| Zelenka, R. L | B. C. D. S. |
| **MAINE.** | |
| Bangs, C. H | Dr. W. H. Milliken |
| Blagden, C. W | Dr. D. W. Bunker |
| Blanchard, E. P | Dr. E. L. Jones |
| Bunker, L. G | Dr. J. O. McLorrison |
| Horn, B. F | Dr. I. C. Sawyer |
| Moulton, B. M | Dr. I. C. Sawyer |
| Parcher, C. G | Dr. F. C. Maxey |
| Shaw, Z. P | Dr. E. C. Bryant |
| Weymouth, E | Dr. L. J. Blanchard |
| Withee, F. E | Dr. M. S. Goodrich |
| **MASSACHUSETTS.** | |
| Bacon, R | Dr. J. Bacon |
| Barré, J. A | Dr. J. B. Chagnon |
| Bolton, W. J | Dr. Channing |
| Bruce, C. W | Dr. H. H. Burns |
| Byard, C. H | Dr. L. C. Newton |
| Charles, F. A | B. C. D. S. |
| Cronin, H. W | Dr. Booth |
| Damon, F. N | Dr. C. S. Bartlett |
| Douglas, W. B | Dr. A. C. Dedrick |
| Eastman, I. N | Dr. O. D. Eastman |
| Hadley, B. F | Dr. F. B. Nesbitt |
| Hubbard, G. W | Dr. J. M. Fay |
| Kennedy, A. E | Dr. R. E. Gunn |
| Lewis, A | Harvard Med. Coll. |
| O'Connor, J. B | Dr. F. C. Plunkett |
| O'Keeffe, D. T | Dr. R. McLennan |
| O'Leary, J. E | Dr. F. C. Plunkett |
| Peters, W. L | B. C. D. S. |
| Raynes, M. B | Dr. E. Cowles |
| Ryan, J. L | Faculty |
| Tinker, M. B | Dr. J. Swett, Jr. |
| Tucker, W. F | Faculty |
| Walsh, C. J | Dr. J. F. O'Shea |
| Wood, W. F | Dr. E. W. Smith |
| **MARYLAND.** | |
| Armacost, J. G | Dr. D. C. Sutherland |
| Arthur, F. H | |
| Applegarth, E. C., A. B., Ph.D. | J's H. Univ. |
| Bar, Bernard | B. C. D. S. |
| Beach, I. J | B. C. D. S. |
| Beall, I. W | Dr. C. H. Schiltuck |
| Brayshaw, J. | Drs. Gardner & Brayshaw |
| Briscoe, J | Dr. N. B. Bryan |

| NAME. | PRECEPTOR. |
|---|---|
| Boucher, C. W | Dr. G. C. Keller |
| Bubert, E. C | Dr. C. H. Bubert |
| Bussey, T. C | Dr. B. F. Bussey |
| Carroll, C. R | Dr. C. A. Carroll |
| Carter, H. A. C | Dr. Coffrath |
| Cohn, M. A | Univ. of New York |
| Conradi, L. E., Ph. G | Dr. G. J. Preston |
| Conroy, T. L | Dr. Boucher |
| Corse, R. S., Jr | B. C. D. S. |
| Councell, T. A | Dr. J. B. Merritt |
| Crawford, A. C | C. P. & S. |
| Dickinson, C. J | C. P. & S. |
| Dreyer, G. P., A. B., Ph. D | J's H. Univ. |
| Durling, W. T | B. C. D. S. |
| Fischer, J | Faculty |
| Flinder, H. | |
| Frames, W. W | Faculty |
| Francis, D. S | B. C. D. S. |
| Gill, R. L | B. C. D. S. |
| Gundry, A. T | Faculty |
| Hardy, R. T | C. P. & S. |
| Hayden, H. H | Dr. J. W. Chambers |
| Hoover, J. W | Dr. W. Riddlemoser |
| Levinson, M | Dr. A. Friedenwald |
| Likes, S. H | Johns Hopkins Univ. |
| Linthicum, G. M | Dr. J. B. Robinson |
| Lotz, Geo | Dr. J. H. Branham |
| Lutz, J. F | Dr. R. G. Davis |
| McCree, C. B | Dr. W. H. Etheridge |
| McGuier, T | Dr. D. C. Sutherland |
| McShane, R. I | Dr. J. F. McShane |
| Miller, W. E | Dr. Wm. Rickert |
| Mudd, T. D. | Dr. Carrico |
| Muñoz, E. A., Ph. G | Dr. B. F. Grove |
| Norris, M. D. | Dr. W. H. Norris |
| O'Farrell, B. E | Dr. W. H. Perkins |
| Parsons, L. M | Dr. G. M. Smith |
| Pfeiffer, C. A | Dr. M. Limter |
| Plummer, F. S | Dr. W. B. Clark |
| Prichard, H. J | Dr. J. E. Prichard |
| Robinson, F. T | Dr. J. B. Robinson |
| Salinger, D. | C. P. & S. |
| Sasseer, P. E | B. C. D. S. |
| Sauer, A. J | Drs. Sauer & Saunders |
| Scally, J. H | Dr. W. R. Way |
| Sisselberger, R. W | Dr. A. Friedenwald |
| Sponseller, E. D. W | Dr. S. S. Ullrich |
| Sudler, Thos. | Dr. L. F. Ankrim |
| Sultan, Geo | Dr. J. Friedenwald |
| Taylor, W. A | Dr. E. S. Dashiell |
| Thweatt, J. E | B. C. D. S. |
| Tippett, L. M | Dr. E. Micheau |
| Wagner, A. S | Dr. W. F. A. Kemp |
| Walters, W. H | B. C. D. S. |
| Waterworth, S. J. | |
| West, J. A | Drs. Woodward & Clark |
| Winner, J. L | Dr. J. Friedenwald |

MEXICO.

| | |
|---|---|
| Estrada, M | Georgetown Med. Coll. |

MINNESOTA.

| | |
|---|---|
| Ehle, N. H | Dr. A. L. Bausman |

MISSISSIPPI.

| | |
|---|---|
| Bell, J. A | Dr. A. E. Bramlett |
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Hughes, Samuel B.....Pa.
Irwin, George Granville.....Pa.
Jarvis, G. L. Bowne.....Pa.
Jones, E. J.....Va.
Jones, M. P.....Va.
Keator, Henry Ward.....N. Y.
Kennedy, James Madison.....S. C.
Kinzer, Geo. S.....Pa.
Lankford, George Adreon.....Tex.
Lee, Robert Edward.....Va.
Lewis, J. Newton.....W. Va.
Lewis, William M.....Pa.
Lilly, Lonnie L.....W. Va.
Lotz, George.....Md.
Lowry, Willis Edwards.....Tex.
Mack, W. Lee.....S. C.
Maine, Chas. L.....Pa.
Mann, Fred. W.....N. B.
Matthews, Walter Colfax.....Vt.
Matthews, William Johnson.....Ky.
McDonald, Dan.....N. S.
Meade, Robert C.....Va.
Miller, B. Edgar.....Ga.
Miller, Wm. Ernst.....Md.
Moore, Edward H.....N. J.
Molloy, Rushton Clarke.....Miss.
Monro, Chas. P.....N. Y.
Muñoz, Edmund A.....Md.
Nile, J. Louis.....O.
Norris, Milton D.....Md.
O'Connell, Thomas S.....Conn.
O'Connor, James Bernard.....Mass.
O'Hanlon, George.....N. Y.
O'Keeffe, Daniel T.....Mass.
Park, Edgar R.....Pa.
Pearis, Samuel P.....W. Va.
Peairs, W. F.....Pa.
Pembleton, W. E.....Wis.
Persons, Eli Sheridan.....N. Y.
Plank, Raymond A.....Pa.
Powley, Joseph E.....Pa.
Powell, Rawley H.....W. Va.
Pool, Chas. Bret.....N. Y.
Rader, V. C.....Pa.
Reppard, Myron M.....W. Va.
Rinebold, Nathan A.....Pa.
Rowe, David H.....O.
Rutherford, J. Frank.....W. Va.
Ryan, John L.....Mass.
Scally, John H.....Md.
Schmied, James Daniel.....W. Va.
Shaw, Willie G.....N. C.
Simpson, Robert, Jr., Ph. B.....N. Y.
Smith, George L.....Va.
Smith, Reginald Knight.....Ala.
Spangler, A. Malen.....W. Va.
Stearns, Benjamin W.....N. Y.
Stovall, George Marshal.....Ga.
Straw, William R.....Va.
Stover, James Grayson.....Pa.
Thomas, Dennis L.....Ga.
Thomas, William J.....W. Va.
Tippett, Louis M.....Md.
Varno, Arthur J.....Conn.
Von Tobel, Frederick.....Conn.
Wagner, Albert Schmidt.....Md.
Wallis, William J.....Va.
Walsh, Chas. J.....Mass.
Warren, D. Ed.....N. Y.
Wenner, Halley M.....Pa.
White, James Alexander.....La.
Williams, Tom Verwig.....Eng.
Williams, Richard J.....Pa.
Wilson, J. L.....Pa.
Wilson, T. M.....W. Va.
Winley, John W.....Pa.
Withee, Frederick E.....Me.
Wright, J. Thomas.....N. C.

## Number of Students and Graduates, Class of 1891-92.

### ARRANGED BY STATES AND COUNTRIES.

| STATE. | STUDENTS. | GRADUATES. |
|---|---|---|
| Alabama | 13 | 1 |
| Arkansas | 1 | .. |
| Australia | 1 | .. |
| California | 4 | . |
| Colorado | 3 | .. |
| Connecticut | 11 | 3 |
| Delaware | 3 | .. |
| District of Columbia | 1 | .. |
| England | 2 | 1 |
| Florida | 1 | .. |
| Georgia | 22 | 6 |
| Indiana | 2 | .. |
| Indian Territory | 1 | .. |
| Iowa | 1 | .. |
| Kansas | 1 | .. |
| Kentucky | 2 | 1 |
| Louisiana | 6 | 1 |
| Maine | 10 | 1 |
| Massachusetts | 24 | 7 |
| Maryland | 65 | 14 |
| Mexico | 1 | .. |
| Minnesota | 1 | .. |
| Mississippi | 10 | 1 |
| Missouri | 2 | .. |
| Montana | 1 | .. |
| Nebraska | 1 | .. |
| New Brunswick, Canada | 7 | 1 |
| New Hampshire | 3 | 1 |
| New Jersey | 14 | 1 |
| New York | 43 | 9 |
| Nicaragua, Central America | 1 | .. |
| North Carolina | 46 | 7 |
| Nova Scotia, Canada | 14 | 4 |
| Ohio | 27 | 6 |
| Ontario, Canada | 2 | .. |
| Pennsylvania | 77 | 25 |
| Rhode Island | 6 | 1 |
| Roumania | 1 | .. |
| South Carolina | 19 | 4 |
| Tennessee | 3 | .. |
| Texas | 12 | 3 |
| Utah | 1 | .. |
| Vermont | 3 | 1 |
| Virginia | 44 | 14 |
| West Virginia | 42 | 16 |
| Wisconsin | 1 | 1 |
| Total | 557 | 120 |

# SECOND YEAR GRADED COURSE.

## SUCCESSFUL CANDIDATES.

Baum, J. C., Gynæcology and Diseases of the Eye and Ear.
Bangs, Chas. H., Anatomy and Materia Medica.
Blagden, Chas. W., Anatomy, Materia Medica, Diseases of Eye and Ear and Gynæcology.
Bunker, Luther Grow, Anatomy, Materia Medica, Gynæcology, Diseases of the Eye and Ear, Chemistry.
Conway, W. L., Anatomy and Chemistry.
Coursin, Clyde C., Anatomy, Chemistry and Diseases of the Eye and Ear.
Downes, M. E., Physiology, Anatomy, Materia Medica, Chemistry, Gynæcology and Diseases of the Eye and Ear.
Hazleton, H. F., Physiology, Anatomy, Materia Medica, Chemistry, Gynæcology and Diseases of the Eye and Ear.
Lewis, Arthur, Materia Medica and Gynæcology.
Moore, J. J., Chemistry.
Murray, John T., Materia Medica.
Parcher, Clarence Geo., Anatomy, Materia Medica and Gynæcology.
Petty, Chas. W., Physiology, Anatomy, Materia Medica, Chemistry, Gynæcology and Diseases of the Eye and Ear.
Reese, Wm. J., Physiology, Anatomy, Materia Medica and Gynæcology.
Register, F. M., Physiology, Anatomy, Materia Medica, Chemistry, Gynæcology and Diseases of the Eye and Ear
Robinson, F. T., Physiology and Materia Medica.
Suter, J. E., Physiology, Anatomy, Materia Medica, Gynæcology and Diseases of the Eye and Ear.
Tinker, M. B., Physiology, Anatomy, Materia Medica and Chemistry.

# AWARD OF PRIZES.

By Prof. A. B. Arnold, M. D.

First College Prize—Gold Medal.....W. Wayland Frames.
Second College Prize " " .... .....Charles L. Maine.
Third College Prize " " .....R. H. Powell.
Fourth College Prize " " .....Edward C. Applegarth.

### WORTHY OF HONORABLE MENTION.

R. K. Smith,
Lewis, Wilde,
Lilly, Lonn
W. J. Wallis,
J. H. Scally,
M. D. Norris,
E. J. Jones.

# ALUMNI ASSOCIATION,

# College of Physicians and Surgeons.

## OFFICERS FOR 1892-93.

*President:*

J. W. COUGHLIN, M. D.

*Vice-Presidents:*

W. W. FRAMES, M. D. R. H. POWELL, M. D.

*Secretary:*

W. J. TODD, M. D.

*Assistant Secretary:*

STANDISH McCLEARY, M. D.

*Treasurer:*

EDWIN GEER, M. D.

*Executive Committee.*

GEO. H. ROHÉ, M. D., C. HAMPSON JONES, M. D.,
WM. F. SMITH, M. D.

*Committee on Prize Essays.*

GEO. J. PRESTON, M. D. J. W. LORD, M. D.
FRANK DYER SANGER, M. D.

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A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '93, and at the Banquet which will follow it.

*Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually, are requested to write to the Dean.*

# The Baltimore College of Dental Surgery

**Chartered by the Legislature of Maryland in 1839.**

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

### FACULTY.

RICHARD B. WINDER, M. D., D. D. S., Professor of Dental Surgery and Operative Dentistry.
M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D. D. S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M. D., D. D. S., Professor of Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M. D., Professor of Physiology.
WM. SIMON, Lecturer on Chemistry.
CHARLES F. BEVAN, M. D., Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
GEO. H. ROHÉ, M. D., Professor of Materia Medica.

### LECTURERS.

WM. F. SMITH, A. B., M. D., Regional Anatomy.
J. N. FARRAR, M. D., D. D. S., Irregularities.
J. MEYER, D. D. S., Continuous Gum.
DR. GEORGE EVANS, Crown and Bridge-work.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

### CLINICAL INSTRUCTORS.

CORYDON PALMER, D. D. S. ..... Ohio.
E. PARMLY BROWN, D. D. S. ..... N. Y.
A. L. NORTHROP, D. D. S. ..... N. Y.
CHAS. R. BUTLER, D. D. S. ..... Ohio.
E. L. HUNTER, D. D. S. ..... N. C.
W. W. WALKER, D. D. S. ..... N. Y.
T. S. WATERS, D. D. S. ..... Md.
DAVID GENESE, D. D. S. ..... Md.
C. M. GINGRICH, D. D. S. ..... Md.
J. HALL MOORE, M. D. ..... Va.
JOHN ALLEN, D. D. S. ..... N. Y.
R. B. DONALDSON, D. D. S. ..... D. C.
H. A. PARR, D. D. S. ..... N. Y.
J. EMORY SCOTT, D. D. S. ..... Md.
E. R. RUST, D. D. S. ..... D. C.
C. L. ALEXANDER, D. D. S. ..... N. C.

### DEMONSTRATORS.

R. BAYLY WINDER, JR., PHAR. G., D. D. S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D. D. S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

GEORGE E. HARDY, M. D., D. D. S.
W. W. DUNBRACCO, D. D. S.
J. W. SMITH, D. D. S.
G. MARSHALL SMITH, D. D. S.
J. S. SUTHERLAND, D. D. S.
J. E. ORRISON, D. D. S.
W. S. TWILLEY, D. D. S.

J. H. BRANHAM, M. D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M. D., Assistant Demonstrator of Anatomy.
R. G. DAVIS, M. D., Assistant Demonstrator of Anatomy.
W. F. SMITH, A. B., M. D., Assistant Demonstrator of Anatomy.

The Baltimore College of Dental Surgery, the first and for many years the only dental school, offers facilities for the study of dentistry proper such as age and experience only can give. Its immense museum, complete apparatus, large and well-arranged building, and carefully studied curriculum, give to its students great advantages and opportunities, both theoretical and practical, while its age gives its diploma a dignity far outranking all other colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the dental profession.

The fact that dentistry must be practically taught is fully recognized, the College Infirmary, a most complete, large and handsome hall, being daily filled with clean and respectable patients, of a class nearly equal to that of the average dentist. The Infirmary is open all the year, students paying an entrance fee, which is deducted from those of the regular succeeding course.

The session begins October 1, closing in March. A large corps of demonstrators, always present, put in actual practice the teachings of all lecturers in dentistry—leaving nothing undemonstrated. All methods are fully taught, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons, by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

**TERMS OF GRADUATION.**—Attendance upon three winter courses of lectures in this College. As equivalent to one of these we accept one course in any reputable dental college. Graduates in Medicine who have attended one Winter Course in this College, and have passed one year, inclusive of the Winter Course, in the practical work of the infirmary and laboratory, will be permitted to present themselves for graduation.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular fees. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fee, $10.00. Diploma fees, $30.00. Dissecting fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

## PROF. R. B. WINDER, DEAN,

**No. 716 Park Avenue, BALTIMORE, MD.**

1893–1894.

# Annual Announcement

AND

# Catalogue

## College of Physicians and Surgeons,

Baltimore, Md.

Bay View Asylum.

THE FRIEDENWALD CO., ENG. & PRINT.
BALTIMORE, MD.

# College of Physicians and Surgeons,

## BALTIMORE, MD.

### Professors and Special Instructors.

FACULTY.

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynæcology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, Ph. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Anatomy and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

L. E. NEALE, M. D.,
*Professor of Obstetrics.*

R. B. WINDER, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as Applied to Medicine.*

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ADJUNCT FACULTY.

JOSEPH H. BRANHAM, M. D.,
*Demonstrator of Anatomy and Lecturer on Diseases of the Rectum.*

GEORGE THOMAS, A. M., M. D.,
*Lecturer on Diseases of Throat and Chest.*

WILLIAM S. GARDNER, M. D.,
*Demonstrator of Obstetrics and Chief of the Out-door Obstetric Department.*

C. HAMPSON JONES, M. B. (Edin.), M. D.,
*Demonstrator of Physiology.*

HARRY FRIEDENWALD, A. B., M. D.,
*Lecturer on Diseases of the Eye and Ear.*

J. W. LORD, A. B., M. D.,
*Lecturer on Dermatology and Bandaging.*

FRANK C. BRESSLER, M. D.,
*Lecturer on Diseases of Children.*

HENRY P. HYNSON, Ph. G.,
*Demonstrator of Pharmacy.*

JULIUS FRIEDENWALD, A. B., M. D.,
*Demonstrator of Pathology.*

W. F. SMITH, A. B., M. D.,
*Demonstrator of Anatomy.*

W. WAYLAND FRAMES, Ph. G., M. D.,
*Demonstrator of Chemistry.*

F. D. SANGER, M. D.,
*Prosector.*

# DISPENSARY STAFF.

**Physician in Charge,** . . . . EDWIN GEER, M. D.

DEPARTMENTS.

| | |
|---|---|
| **Surgery** | S. S. ULLRICH, M. D., F. B. ADAMS, M. D., R. T. HARDY, M. D. |
| **Genito-Urinary Surgery** | W. W. FRAMES, M. D., M. L. LOVENSON, M. D. |
| **Diseases of Children** | W. T. RILEY, M. D., J. D. FARRAR, M. D. |
| **Nose, Chest and Throat** | M. SCHAPIRO, M. D., H. K. GORGAS, M. D., JNO. P. ROBERTS, M. D. |
| **Skin** | J. W. LORD, M. D., ROBT. C. RASIN, M. D. |
| **Diseases of Women** | W. S. GARDNER, M. D., CHAS. WATTENSCHEIDT, M. D. |
| **Nervous Diseases** | L. H. GUNDRY, M. D., FRANCISCO DE P. DELGADILLO, M. D. |
| **Practice of Medicine.** | J. B. SAUNDERS, M. D., JULIUS FRIEDENWALD, M. D. |
| **Diseases Eye and Ear** | HARRY FRIEDENWALD, M. D., G. M. LINTHICUM, M. D. |

## City Hospital.

### VISITING STAFF.

**SURGEONS.**

PROF. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" THOMAS OPIE, M. D.
" J. W. CHAMBERS, M. D.
J. H. BRANHAM, M. D.
HARRY FRIEDENWALD, M. D.

**PHYSICIANS.**

PROF. THOMAS S. LATIMER, M. D.
" GEO. J. PRESTON, A. B., M. D.
" GEORGE H. ROHÉ, M. D.
GEORGE THOMAS, M. D.

**PATHOLOGIST:**

PROF. N. G. KEIRLE, A. M., M. D.

### HOUSE STAFF.

**STANDISH McCLEARY, M. D., Resident Physician.**
**CHARLES F. BLAKE, M. D., 1st Assistant Resident Physician.**
**THOS. H. O'CONNOR, M. D., 2nd Assistant Resident Physician.**
**MARSHALL H. BAILEY, M. D., 3rd Assistant Resident Physician.**

## Maternité Hospital Staff.

| | |
|---|---|
| **Visiting Obstetricians** | PROF. L. E. NEALE, M. D. W. S. GARDNER, M. D. |
| **Resident Physician** | CHAS. S. NEER, M. D. |
| **Assistant Resident Physician** | THOMAS R. MARSHALL, M. D. |

## Bay View Hospital.

**SURGEONS.**

PROF. THOMAS OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" J. W. CHAMBERS, M. D.
JOSEPH H. BRANHAM, M. D.
W. F. SMITH, M. D.

**PHYSICIANS.**

PROF. THOS. S. LATIMER, M. D.
" GEORGE J. PRESTON, A. B., M. D.
L. E. NEALE, M. D.
J. W. LORD, A. B., M. D.
GEORGE THOMAS, A. M., M. D.
FRANK C. BRESSLER, M. D.
C. HAMPSON JONES, M. B. (Edin.), M. D.
JULIUS FRIEDENWALD, A. B., M. D.

### HOUSE STAFF.

| | |
|---|---|
| **Resident Physician** | H. H. HAYDEN, M. D. |
| **Assistant Resident Physicians** | SYLVAN H. LIKES, M. D. JAMES A. WEST, M. D. |

## Physiological, Pathological and Chemical Laboratories.

| | |
|---|---|
| **Professor of Chemistry** | W. SIMON, Ph. D., M. D. |
| " " **Physiology** | GEORGE J. PRESTON, A. B., M. D. |
| " " **Pathology** | N. G. KEIRLE, A. M., M. D. |
| **Demonstrator of Physiology** | C. HAMPSON JONES, M. B. (Edin.), M. D. |
| " " **Chemistry** | W. WAYLAND FRAMES, Ph. G., M. D. |
| " " **Pathology** | JULIUS FRIEDENWALD, A. B., M. D. |

# College of Physicians and Surgeons.

## ANNOUNCEMENT FOR 1893.

THE TWENTY-SECOND ANNUAL COURSE OF LECTURES in the COLLEGE OF PHYSICIANS AND SURGEONS OF BALTIMORE will begin October 2d, 1893. A PRELIMINARY COURSE, chiefly clinical, will begin on September 15th.

The progress of the College of Physicians and Surgeons has been unexampled among American Medical Schools. Beginning in 1872, with a class of 43, it ended its twenty-first year with 552 matriculates upon its books, and a graduating class of 179.

This success has been achieved by steady, earnest, persistent work on the part of the Faculty. It is due also, in no slight degree, to the admirable conduct and deserved success of its graduates, who may be found practicing their profession in every State and Territory of the Union, and in every Province of British North America.

It has always been, and continues to be, the aim of the College of Physicians and Surgeons to give a thoroughly practical as well as scientific medical education. To this end, the didactic lectures upon the various branches of medical science and art are supplemented by obligatory work in the dissecting rooms, the chemical, histological, physiological and pathological laboratories, and in the class-rooms for the study of osteology and operative surgery.

The hospital facilities of the College are not exceeded by any similar American institution. Immediately adjacent are the City Hospital, with 300 beds, and the Hospital for colored persons, with 100 beds, both new and splendidly equipped institutions.

The Faculty has always regarded practical obstetrics as among the most important studies in the medical curriculum. With the view of affording the students in attendance at the College the requisite opportunities for a practical, bedside acquaintance with the phenomena of labor and the obstetric art, the Maryland Lying-in Asylum was founded by the Legislature of Maryland in 1874, and placed under the exclusive control of the College of Physicians and Surgeons. The methods in use in this Hospital are the same as those followed in the large maternity hospitals in Europe. Attendance upon the obstetric clinics and demonstrations is obligatory.

In addition to the hospitals here mentioned, all under the exclusive medical control of the Faculty, regular clinics and demonstrations are held in Bay View Asylum, the Charity Hospital of the City of Baltimore, and in a number of other general and special hospitals in the city, in which the members of the Faculty hold appointments as visiting or attending physicians and surgeons.

The College of Physicians and Surgeons is a member of the American Medical College Association and will steadfastly support all the rules and requirements of this Association. In accordance with these rules all matriculates will hereafter be compelled to pass a preliminary examination before admission, and attend three courses of lectures of six months duration each, before presenting themselves for the degree of Doctor of Medicine.

Further particulars will be found in the following pages.

# Course of Instruction.

## CLINICAL AND DIDACTIC LECTURES.

Two courses of Lectures are given during the year, a Winter and a Spring course. The Winter session will be preceded by preliminary lectures, chiefly clinical in character, which begin September 15 and end October 1st. The regular Winter session will begin October 1st and end April 1st, and will consist of five or six lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary, and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors, of Bay View, the Hebrew Hospital, the Nursery and Child's Hospital, and St. Joseph's Hospital, of transferring cases of special interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures will enable the reader to appreciate the practical nature of our school work.

The Laboratory courses are complete, and bedside instruction is given not only in the general but also in the special branches.

The lecture halls are commodious, well ventilated, and newly furnished.

## TEXT-BOOKS.

(*The first-named book in each branch is preferred.*)

SURGERY.—American Text-book of Surgery, Moullin's Treatise on Surgery, Treeves' Op. Surg.

PRACTICE OF MEDICINE.—Fagge, Osler, Strümpell, Taylor, Bosworth and Seiler on Nose and Throat, Pepper's System, Page's Physical Diagnosis (5th Edition).

OBSTETRICS.—Lusk, Pinard's Abdominal Palpation.

DISEASES OF WOMEN.—Skene, Thomas and Mundé.

MEDICAL JURISPRUDENCE.—Abercrombie, Taylor.

ANATOMY.—Morris, Gray, Holden's Osteology, Sharpe and Quain's Osteology.

MATERIA MEDICA.—Wood's Therapeutics.
PHYSIOLOGY.—Kirkes, Landois and Stirling.
CHEMISTRY AND TOXICOLOGY.—Simon, Charles, Curtman, Remsen.
DISEASES OF THE EYE AND EAR.—Fuchs on the Eye, Noyes on the Eye, Nettleship on the Eye, Buck on the Ear.
SKIN DISEASES.—Rohé and Lord, Hardaway.
DISEASES OF CHILDREN.—Smith.
NERVOUS DISEASES.—Dana, Gray, Gowers.
MENTAL DISEASES.—Savage on Insanity.
GENITO-URINARY DISEASES.—Van Buren and Keyes, Bumstead and Taylor on Venereal Diseases.
ELECTRICITY.—Liebig and Rohé on Medical Electricity.
HYGIENE.—Rohé's Text-book of Hygiene.
PATHOLOGY.—Green's Pathology, Practical Pathology by Sims Woodhead, Klein's Micro-organisms in Disease, Ziegler's Pathology.

## CLINICAL INSTRUCTION.

Few institutions in this country can offer greater clinical facilities than the College of Physicians and Surgeons. It has been the constant aim of the Faculty to increase and utilize the clinical material for teaching purposes, believing that this method of practical instruction is the best preparation for practical work. The following Hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:—

## THE BALTIMORE CITY HOSPITAL.

This Hospital is under exclusive medical control of the College of Physicians and Surgeons.

It was erected in 1891, on a lot adjoining the College Building.

There are seventy admirably equipped private rooms in this institution, and a private ward for white females.

The three public wards occupy the entire west wing of the Hospital, and are separated from the east wing, which is exclusively for private patients, by a capacious open court. Each of the public wards has dimensions of 76x27 feet. They are admirably lighted and ventilated. Situated adjoining the College Amphitheater, a great variety of medical and surgical cases is readily brought before the classes for clinical illustration.

The central location of such a hospital, in a city of half a million people, has met a public demand. Its construction is of the most modern character and has secured for it the credit of having the most complete system of sanitation.

It is one of the most home-like and attractive hospitals for the treatment of invalids from a distance that can be found anywhere.

The department of Diseases of Women has, since the erection of the "Annex," been transferred to this building. Handsome and

OSTEOLOGY.

THE HOSPITAL EXCLUSIVELY FOR COLORED PATIENTS.

Under the Control of the College of Physicians and Surgeons.

suitable apartments and thoroughly equipped operating rooms have been provided for the accommodation and treatment of such private patients.

The fact that the Baltimore City Hospital is under the management of the Sisters of Mercy is a guarantee that it is kept in excellent order and that everything is done to promote the comfort and welfare of its inmates.

## THE HOSPITAL FOR THE COLORED RACE.

This "Annex" to the Baltimore City Hospital has been erected since the issue of our last catalogue.

The building formerly known as the Maryland Woman's Hospital, located on the west side of the City Hospital, fronting on Saratoga Street, has been torn down, and this handsome new structure with a capacity of 100 beds has been placed on its site.

This is the first hospital which has ever been erected in the State of Maryland exclusively for the colored race. Notwithstanding it has been open but six months, nearly every bed is now occupied; thus attesting that the institution is a foregone success and has entered upon a humane and noble mission.

The College of Physicians and Surgeons has the exclusive medical control over this hospital.

## THE MARYLAND LYING-IN ASYLUM.

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, one of the first in the country. It is located at No. 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes' walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of Midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in midwifery, and in none is there greater responsibility.

This institution enables the Professor of Obstetrics and his assistants to teach this branch in accordance with the practical methods adopted by European schools. Members of the Graduating Class, after leaving name and address with the Resident Physician at the Lying-in Asylum, will be summoned to the clinic upon the occurrence of a labor case, by prompt

messenger service. Students are carefully instructed in the various methods of physical exploration, the management of labor, puerperium, etc., under the strictest antiseptic precautions, and have frequent opportunities of witnessing the obstetrical operations performed on the patients. Attendance on these clinical demonstrations is obligatory.

An outdoor department has been established, which will largely extend the facilities for practical instruction in obstetrics. Advanced students will be given special charge of cases, under the personal supervision of the Demonstrator of Obstetrics.

## BAY VIEW HOSPITAL.

Bay View is situated in the eastern suburbs of Baltimore, and contains 2000 beds, inclusive of the department for the insane.

Regular clinics are given during the winter and spring sessions by the visiting staff. The amphitheaters are well lighted and comfortable, and the very large amount of clinical material affords unusual opportunities for practical teaching.

## CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new College Building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting room constructed. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by the fact that the number of patients was over 35,000 during the year ending April 30, 1893.

## NURSERY AND CHILD'S HOSPITAL.

Professors Latimer, Bevan and Friedenwald, and Dr. Branham, constitute the staff of this institution, and students have an opportunity of studying under most favorable circumstances, the diseases of children.

## ST. JOSEPH'S GENERAL HOSPITAL.

The College of Physicians and Surgeons is represented in this important hospital by Professors Chambers and Neale.

## HEBREW HOSPITAL.

Professors Friedenwald, Chambers, Opie and Preston are upon the staff of this institution.

## MARYLAND HOSPITAL FOR THE INSANE.

Professor Rohé is Medical Superintendent and gives instruction to ward classes at this institution.

# PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

The class will be divided into sections, and on appointed days will receive instruction in the wards. The following branches will be taught:

## EYE AND EAR CLINIC.

Clinical instruction is given on the diseases of the eye and ear, embracing exhibition of cases and the demonstration of operations before the general class, besides the conducting of ward instruction, in which thorough examinations are offered to smaller numbers, and the use of the ophthalmoscope, perimeter, methods of correcting the errors of refraction, examinations and treatment of diseases of the ear are shown by Professor A. Friedenwald and Dr. Harry Friedenwald.

## PHYSICAL DIAGNOSIS.

The Senior Class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of diseases of the heart, throat and lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinations by Dr. George Thomas. Dr. Thomas gives special instructions in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

## NERVOUS SYSTEM.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Professor Preston.

## THE GYNECOLOGICAL CLINIC.

The ward for white women embraces the entire second floor of the west wing of the City Hospital.

The fourth floor of the City Hospital Annex, which is the hospital for the colored race, is occupied by the colored women. The daily clinic for the Diseases of Women at the City Hospital Dispensary, in conjunction with the above-named sources, furnishes abundant material for illustrating the various operations of gynecology before the whole class.

This department is under the management of Professor Opie.

## OBSTETRIC CLINIC.

In addition to attendance upon labor cases both in and out of the Lying-in Asylum, practical instruction will be given once a week to ward classes in the Lying-in Asylum, affording the student an excellent opportunity of becoming personally familiar by his own experience with the various methods of *external* physical examination of the pregnant woman (inspection, palpation, auscultation, mensuration), and also with the management of the puerperal period and the care of the new-born. Once a week a demonstration will also be given to ward classes at the College in operative obstetrics, and every member of the graduating class will be taught and required to perform the various conservative obstetrical operations (forceps, versions, extractions), under the personal supervision of Professor Nealé and his assistants.

## OPERATIVE SURGERY.

This course will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of Genito-Urinary diseases will be treated from both the clinical and didactic standpoint; and, in addition to this, lectures upon Clinical Surgery will be delivered by Professors Bevan and Chambers. All operations are performed in the presence of the class.

Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations, and compounding medicines—lessons of incalculable value, especially to those who intend to practise medicine in the country.

## PRACTICAL ANATOMY.

Didactic lectures on Anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical and be done in the dissecting rooms. These latter are open daily during the winter and spring sessions, under the direction of the Professor and Demonstrators of Anatomy. Special instruction is given in Osteology, and a skeleton is provided for each student. In

CHEMICAL LABORATORY.

PHYSIOLOGICAL LABORATORY

accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions. All necessary anatomical material is furnished to students free of charge.

## LABORATORY INSTRUCTION.

Commodious, well-lighted and fully-equipped Laboratories have been constructed in the new college building, and the following practical courses will be given:

## PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration, and the nervous system. Students will be taught the use of the microscope, and the mode of cutting, staining and mounting sections of normal tissues. A number of carefully prepared sections of all the normal tissues will be shown each class, and each student will receive personal instruction from the Professor and Demonstrator.

Special facilities will be afforded students who desire to do advanced work in this department.

## PATHOLOGICAL LABORATORY.

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits, and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheater, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the Laboratory is constantly open for any students who wish to do special work.

## CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrator. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new Laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## MATRICULATION.

Hereafter a preliminary entrance examination will be required, in accordance with the rules adopted by the Association of American Medical Colleges, as follows:

1st. By writing legibly and correctly an English composition of not less than two hundred words.

2d. By the translation of easy Latin prose.

3d. By passing an examination in the elements of algebra or higher arithmetic.

4th. By passing an examination in elementary physics.

It is provided, however, that students, matriculates or graduates of reputable Colleges of Literature, Science and the Arts, or graduates of High Schools of the first grade, or Normal Schools, directly supported by the State, shall be exempt from the provisions of this examination.

It is furthermore provided that students passing the entrance examination as provided by the statute of the State of New York, be exempt from the provisions of this examination.

It is furthermore provided that students conditioned or unable to undergo the examination in Latin, as herein provided, shall be afforded a course of instruction during the Freshman year in the elements of the Latin language; said course to afford a knowledge, so far as practicable, of the derivation of medical terms and medical and pharmaceutical terminology.

It is suggested that the work of Robinson, on the derivation of medical terms, be recommended as a suitable text-book for instruction and reference on medical derivation and terminology.

It is furthermore provided that before entering upon the Junior year studies, students shall be required to pass a satisfactory examination on the above branches.

## THREE YEARS' GRADED COURSE.

During the first year students must attend lectures and demonstrations upon Anatomy, Physiology, Chemistry, Materia Medica and Therapeutics, Hygiene, Pathology and Legal Medicine.

During the second year students must attend lectures, demonstrations and clinics upon Anatomy, Physiology, Chemistry, Therapeutics, Hygiene, Pathology and Legal Medicine, Principles and Practice of Medicine, Principles and Practice of Surgery,

Obstetrics, Gynæcology, Diseases of the Eye and Ear, Diseases of Children, Nervous Diseases, Dermatology, Bandaging and Operative Surgery.

During the third year students must attend lectures, demonstations and clinics upon Principles and Practice of Medicine, Principles and Practice of Surgery, Obstetrics, Gynæcology, Diseases of the Eye and Ear, Diseases of Children, Nervous Diseases, Dermatology.

## LABORATORIES.

During the first year students will be required to take laboratory courses in Chemistry and Histology.

During the second year, laboratory work in Chemistry and Pathology.

During the first year students must attend demonstrations and recitations upon osteology.

Students are required to dissect during both first and second years.

## PRACTICAL WORK DURING THE THIRD YEAR.

Instruction will be given to small classes in obstetrics at the College on the manikin, and in the lying-in asylum at the bedside.

Ward classes instruction will be given in General Medicine, Surgery, Diseases of the Eye and Ear, Diseases of the Nose, Throat and Chest, and Gynæcology.

Attendance upon these classes is obligatory.

## EXAMINATIONS.

First Session.—Osteology, Histology, Materia Medica, Inorganic Chemistry.

Second Session.—Anatomy, Physiology, Organic and Physiological Chemistry, Therapeutics, Medical and Surgical Pathology.

Third Session.—Practice of Medicine, Surgery, Obstetrics, Gynæcology, Diseases of Eye and Ear.

Dermatology, Nervous Diseases, Hygiene—one examination at end of first half term of third year.

## STUDENTS FROM OTHER SCHOOLS.

Students who have attended one course of Lectures in a reputable Medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our graduating class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previously, must be taken with our second year students at the close of the session.

All students must take in full the branches of the third year.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have attended three full (graded) courses of lectures, the last one in this school. He must be 21 years of age, of good moral character, and passed satisfactory examinations before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the student who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz. four at the City Hospital, two at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician to Bay View, with a salary of five hundred dollars with board and lodging, also an assistant resident physician.

## RESIDENT STUDENTS.

Arrangements have been made for twenty students, who will have all the practical advantages of The Baltimore City Hospital at a cost of $25 for a term of 6 months. They have the privilege of accompanying the Professor and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required. The Janitor will assist them in procuring board and lodging in the immediate vicinity of the hospital.

The Faculty has the appointment of a number of resident graduate students to Bay View Asylum. These residents pay $25 per month, which includes all expenses, and have all the advantages afforded by this great charity hospital.

## FEES.

The Professors' tickets for the course of lectures in the Winter Session will be $100, and matriculation fee, $5.

Tickets for one or more of the branches may be taken out separately.

The only fee for Physiological and Chemical demonstrations is a charge of $2 to cover cost of materials used.

The Graduation fee is $30 in all cases and must be paid on or before January 1, 1894.

The above fees include all the College expenses incident to the session.

All fees, save for graduation, must be paid at the beginning of the session.

## POST-GRADUATE FEES.

Graduates of other colleges pay $60 for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required in all cases for graduation.

## SCHOLARSHIPS.

A number of scholarships are bestowed upon students when recommended by their preceptors, or other physicians in good professional standing, as unable to pay the full fees. The holders of such scholarships pay $60 for Professors' tickets.

## ADVANTAGES OF LOCATION.

Baltimore having a population of nearly 500,000, affords its medical schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical center of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## SUMMARY OF NECESSARY EXPENSES.

### College Fees.

| | |
|---|---|
| Matriculation. | $ 5 00 |
| Lectures. | 100 00 |
| Total, | $105 00 |

### Scholarship Fees.

| | |
|---|---|
| Matriculation. | $ 5 00 |
| Lectures, | 60 00 |
| Total. | $65 00 |

Good board can be had at $3.50 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information address

PROFESSOR THOMAS OPIE, M. D., Dean,
*College of Physicians and Surgeons,*
Baltimore, Md.

# Class of 1892-93.

## Classified by States.

| NAME. | PRECEPTOR. |
|---|---|
| **ALABAMA.** | |
| Baldwin, J. C | Dr. J. H. Branham |
| Beason, W. A | Dr. J. B. Bass |
| Calkins, C. H | Dr. E. P. Riggs |
| Milford, H. A | Dr. E. J. Spratling |
| Moore, J. S | Dr. J. W. Stevens |
| Myers, W. H | B. C. D. S. |
| Nauce, J. W | Dr. J. C. Hollinger |
| Nisbet, F. P | Dr. Nisbet |
| Riggs, W. S | Dr. E. P. Riggs |
| Rousseau, J. B | B. C. D. S. |
| Spratling, E. J., B. S., M. D | C. P. & S. |
| Welch, S. W | Dr. W. A. Welch |
| **ARKANSAS.** | |
| Blankenship, W. H | C. P. & S. |
| Ketcham, F. I | Dr. J. G. Eberle |
| **COLORADO.** | |
| Conboy, J. P | Dr. M. P. Conway |
| **CONNECTICUT.** | |
| Avis, W. R | Yale Med. College |
| Bailey, M. A | Dr. G. C. Bailey |
| Boucher, J. B | Dr. J. J. Smith |
| Carr, B. J | Dr. G. C. Bailey |
| Cronan, S. P | Dr. F. A. Warnes |
| Enlind, K. A | Dr. G. E. Whitten |
| Johnson, J. W | Dr. W. H. Conklin |
| Labonte, L | Drs. R. W. & C. H. Pimey |
| Laflin, E. G | B. C. D. S. |
| Lynch, W. J | Dr. D. F. Sullivan |
| Morrison, T. E | Dr. O. C. Smith |
| Murray, R. J | Dr. G. R. Miller |
| Oates, Wm | Dr. W. J. Coyle |
| O'Hara, W. J. A | Dr. T. S. O'Connell |
| Thompson, C. A | Dr. G. E. Whitten |
| Walsh, J. G | Dr. Monmonier |
| Ward, J. W | Dr. E. L. Pratt |
| **DELAWARE.** | |
| Downes, M. E | Dr. J. M. Downes |
| Quinn, G. W | Dr. W. P. Miller |
| Virdin, Frank | Dr. D. I. McColley |
| **DISTRICT OF COLUMBIA.** | |
| Boyd, G. W | C. P. & S. |
| Mitchell, J. W., D. D. S | C. P. & S. |
| **ENGLAND.** | |
| Knowles, F. E | Dr. C. F. W. Myers |
| **FLORIDA.** | |
| Fink, C. H | B. C. D. S. |
| Gates, H | Dr. Rose |
| Geiger, L. R., M. D | C. P. & S. |
| Stephens, Winston | B. C. D. S. |
| **GEORGIA.** | |
| Boring, H. M | Dr. E. P. Ross |
| Clark, J. B., A. B | Dr. J. Friedenwald |
| Collins, C. J | B. C. D. S. |
| Coursey, W. D | Southern Med. Coll. |
| Lanier, H. L., B. S | Dr. J. A. Ethridge |
| Mooney, H. R | Savannah Med. Coll. |
| Norton, W. E | Dr. R. G. Norton |
| Peacock, J. B | Dr. A. J. Yearty |
| Prichard, Pinta | Dr. E. H. Williams |
| Prior, F. M | Dr. A. A. Bell |
| Rush, G. W | Dr. H. M. Branham |
| Twitty, F. S | Dr. W. W. Twitty |
| **GERMANY.** | |
| Hoeper, H | Dr. W. T. Grefeld |

| NAME. | PRECEPTOR. |
|---|---|
| **INDIANA.** | |
| Alexander, W. S | Dr. W. M. Garretson |
| Dick, C. C | Dr. G. L. Curtiss |
| **IOWA.** | |
| Stumbaugh, W. D | Dr. W. E. Moore |
| **KANSAS.** | |
| Cassady, H. V | Dr. J. E. Sawtell |
| **KENTUCKY.** | |
| Cooper, H. C | Dr. H. S. Jones |
| **LOUISIANA.** | |
| Dalzell, W. G | B. C. D. S. |
| **MAINE.** | |
| Currier, E. B | Dr. E. W. Russell |
| Horne, B. F | Dr. T. C. Sawyer |
| O'Neil, E. D | Dr. S. J. Bassford |
| Parcher, C. G | Dr. Maxey |
| Trefelthen, W. J | Dr. W. A. Wright |
| Woodman, D. N | Dr. W. C. Collins |
| **MARYLAND.** | |
| Arthur, F. H | Dr. W. E. Arthur |
| Bacon, Robt | Dr. J. Bacon |
| Bar, Bernard | B. C. D. S. |
| Beach, I. J., D. D. S | Dr. R. B. Winder |
| Beall, I. W | Dr. C. N. Schiltuck |
| Brack, C. E., Jr | Dr. W. R. Steinmetz |
| Brayshaw, Jas | Drs. Brayshaw & Gardner |
| Briscoe, J | Dr. N. B. Bryan |
| Brown, J. C | Dr. C. R. Davis |
| Bubert, E. C | Dr. C. H. Bubert |
| Bussey, T. C | Dr. B. F. Bussey |
| Carroll, C. R | Dr. C. A. Carroll |
| Cohn, M. A | Dr. J. H. Branham |
| Conway, J. H | Dr. J. B. Saunders |
| Corse, R. S | Dr. D. S. Norris |
| Councell, T. A | Dr. E. Geer |
| Crawford, A. C | Johns Hopkins Univ. |
| Crossy, B. S | Jeff. Med. Coll. |
| Day, G. E., A. B | Dr. S. T. Day |
| Dickinson, C. J | C. P. & S. |
| Dorsey, C | B. C. D. S. |
| Dougherty, J. F | Dr. R. W. Dashiell |
| Eavey, H. R., D. D. S | C. P. & S. |
| Egerton, K. W | B. C. D. S. |
| Ford, J. D., D. D. S | Dr. B. P. Muse |
| Galloway, G. F | Dr. J. H. Branham |
| Gardiner, I. H., A. B | C. P. & S. |
| Giering, R | Dr. McDevitt |
| Gundry, L. H | Faculty |
| Hardy, R. T | Dr. E. B. Finley |
| Hawkins, Arthur | Dr. P. W. Hawkins |
| Higdon, T. L | Dr. L. R. C. Towles |
| Kemp, C. P | Dr. J. E. H. Lewis |
| King, J. O | Dr. J. T. Spalding |
| Likes, L. H | Johns Hopkins Univ. |
| Linthicum, G. M., B. A. | Johns Hopkins Univ. |
| Loevenson, M | Prof. A. Friedenwald |
| Losa, V | C. P. & S. |
| Lutz, J. F | Dr. G. A. Hartman |
| McGlannan, A. W., Jr | C. P. & S. |
| McGuire, Thos | Dr. D. C. Sutherland |
| McShane, R. I | Dr. J. F. McShane |
| Morfit, J. C | Dr. C. M. Morfit |
| Mudd, T. D | Dr. L. C. Corrico |
| Murray, R. J | Dr. A. L. Gage |
| Nelson, M | B. C. D. S. |
| Nicholas, R. C | C. P. & S. |
| O'Farrell, B. E | Dr. W. H. Perkins |
| Orr, H. M | Dr. S. A. Boucher |
| Payne, T. P., B. L | Dr. J. T. Payne |

| NAME. | PRECEPTOR. |
|---|---|
| Prichard, H. J | Dr. J. E. Prichard |
| Rees, D. T | Dr. A. L. Porter |
| Reid, C. E | Prof. J. W. Chambers |
| Resh, D. M | Dr. J. H. Preston |
| Robinson, F. T | Dr. J. B. Robinson |
| Sansbury, J. E | Dr. D. H. Fuller |
| Sauer, A. J | Drs. Sauer & Saunders |
| Schereschewsky, H | Dr. H. Baxley |
| Scott, C. R. L | B. C. D. S. |
| Seymour, W. S | Prof. Wm. Simon |
| Sisselberger, R. W | Dr. C. Wattenscheidt |
| Smith, Allen W | Dr. W. L. Smith |
| Spicer, H. L., Jr | Dr. H. L. Spicer |
| Sponseller, E. D. W | Dr. S. S. Ullrich |
| Street, S. R | Dr. Gibbs |
| Strong, J. H | Dr. G. C. Stuart |
| Sudler, Thos | Dr. L. F. Ankrim |
| Sultan, Geo | C. P. & S. |
| Synwalski, S. J | Dr. J. H. Branham |
| Twilley, C. R | Dr. J. T. Twilley |
| Vogel, C. W | C. P. & S. |
| Waesche, J. F | B. C. D. S. |
| Wagner, F. E., Ph. G | C. P. & S. |
| Waterworth, S. J | Dr. S. S. Ullrich |
| Wegefarth, S. C | Dr. A. Wegefarth |
| West, J. A | Drs. Woodward & Clark |
| White, H | Dr. H. C. Anders |
| Wilson, P. B., Jr | Dr. P. B. Wilson |

MASSACHUSETTS.

| | |
|---|---|
| Andrews, Oren | Dr. D. S. Ellis |
| Bruce, C. W | Dr. H. H. Burns |
| Conner, C. B | Dr. E. A. Chase |
| Cowing, L. B | Dr. A. C. Cobb |
| Cronin, H. W | Dr. R. Booth |
| Damon, F. N | Dr. C. S. Bartlett |
| Douglas, W. B | Dr. J. W. Coughlin |
| Fullerton, W. W | Dr. G. E. Freeman |
| Hadley, B. F | Dr. F. B. Nesbett |
| Hubbard, G. W | Dr. J. M. Ferry |
| Lewis, Arthur | Dr. J. W. Smiley |
| McGowan, T. J | Dr. W. E. Simmons |
| O'Leary, J. E | Dr. F. A. Plunkett |
| Peters, W. L | B. C. D. S. |
| Simpson, W. S | B. C. D. S. |
| St. George, A | Dr. J. B. Chagnon |
| Stetson, H. G | Dr. D. S. Ellis |
| Wood, W. F | Dr. E. W. Smith |

MISSISSIPPI.

| | |
|---|---|
| Davis, W. P | D. D. V. U. |
| Johnson, J. R | Dr. B. M. Bishop |
| Knox, R. S., M. D | C. P. & S. |
| Limerick, O. V | C. P. & S. |
| McElroy, J. B | Dr. O. R. Early |
| Trawick, W. C | B. C. D. S. |

MISSOURI.

| | |
|---|---|
| Carter, R. L | B. C. D. S. |
| Smythe, C. H | Dr. N. M. Smythe |

MONTANA.

| | |
|---|---|
| Gardner, A. R | Dr. W. A. Tudor |

NEW BRUNSWICK.

| | |
|---|---|
| Dixon, Chas | Dr. H. H. Coleman |
| Schriver, A. E | Dr. C. P. Connell |
| Somerville, G. W | Dr. H. H. Coleman |
| Thompson, C. A | C. P. & S. |

NEW HAMPSHIRE.

| | |
|---|---|
| Bailey, M. H | Dr. E. Morrill |
| Boynton, H. H | Dartmouth Med. Coll. |
| O'Connor, T. H | Dr. D. S. Dearborn |
| Warren, C. B., A. B | Dartmouth Med. Coll. |

NEW JERSEY.

| | |
|---|---|
| Davis, H. V | Dr. F. L. Johnson |
| Emerson, Herbert | Dr. T. L. Paton |
| Kennard, G. H | Dr. S. S. Ullrich |
| Lockwood, F. W | C. P. & S. |
| Neer, C. S | Dr. H. C. Neer |
| Pierson, T. A., Ph. G | Dr. J. S. Gilbert |
| Robinson, J. C | Dr. C. E. Greene |
| Ten Eyck, J. D | Dr. F. L. Johnson |
| Theberath, C. H | B. C. D. S. |
| Tyrrell, G. W | Dr. E. P. B. Kelley |

NEW YORK.

| | |
|---|---|
| Acker, W. B | Dr. D. F. Acker |
| Andrews, J. E | Dr. L. P. Greenpond |
| Ayars, E. W | Dr. M. Sheppard |
| Babcock, W. L | Dr. G. C. Arnold |
| Babcock, W. W., Jr | Dr. E. Mulheron |
| Bowerman, E. A | Dr. F. D. Andrew |
| Boyd, H. J | B. C. D. S. |
| Braman, H. S., M. D | Dr. H. C. Hendrick |
| Bryant, F. G | Dr. W. A. White |
| Burton, E. N | B. C. D. S. |
| Carpenter, E. H | Syracuse Med. Coll. |
| Carpenter, P. T | C. P. & S. |
| Church, W. F., B. S | Dr. F. S. Lovell |
| Clapper, W. B | Syracuse Med. Coll. |
| Conan, J. H | Dr. G. H. Smith |
| Dezell, F. M | Dr. L. Huyck |
| Dick, A. J | Dr. W. A. Vincent |
| Donnelly, T. J | Dr. J. R. Straw |
| Fitzpatrick, J. B | Dr. E. A. Reilly |
| Flannery, P. J | Dr. W. H. Olmsted |
| Galvin, J. E | Dr. F. W. Slocum |
| Hadley, F. A | Dr. G. E. Sylvester |
| Hardenbrook, E. R. | Drs. Crittenden & Stewart |
| Hartson, J. A | Dr. T. H. Cox |
| Hill, F. W | C. P. & S. |
| Hoose, C. S | B. C. D. S. |
| Hubbell, G. L | Dr. T. Wight |
| Huyck, E. B | Dr. L. Huyck |
| Kanar, W. P | Dr. E. H. Boyd |
| Lansing, A. G | B. C. D. S. |
| Leonard, R. E | Dr. E. R. Giesey |
| Merkle, C | B. C. D. S. |
| Moyer, C. W | Dr. F. B. Dodge |
| Palmer, C. A | Dr. A. W. Mitchell |
| Potter, H. N | Dr. W. Vincent |
| Safford, J. E | C. P. & S. |
| Scudder, C. T | C. P. & S. |
| Shumway, J. N | Dr. A. C. Axtell |
| Shumway, R. B | Dr. M. B. Hubbs |
| Stilson, J. M | Dr. L. Huyck |
| Sullivan, D. H | Drs. Butler & Bishop |
| Taylor, F. F | Dr. W. C. Smith |
| Thorne, F. A | Dr. W. E. Colegrove |
| Weiskotten, R. H | B. C. D. S. |
| Wood, J | B. C. D. S. |

NICARAGUA.

| | |
|---|---|
| Delgadillo, F. de P | C. P. & S. |

NORTH CAROLINA.

| | |
|---|---|
| Anderson, C. A | Dr. J. W. McCauley |
| Baum, J. C | Dr. O. Baum |
| Beckwith, D. G | C. P. & S. |
| Bizzell, H. A | B. C. D. S. |
| Blair, M. P., B. S | Dr. Ashe |
| Bowen, W. D | C. P. & S. |
| Bullock, F. C., M. D | C. P. & S. |
| Clarke, F. M | Dr. E. Clarke |
| Couch, J. R | C. P. & S. |
| Cowell, W. H | Dr. F. M. Morgan |
| Crocker, S. H | C. P. & S. |
| Cunningham, Alex | Univ. of Va. |
| Davis, A. P | Dr. A. Y. Linville |
| Davis, S. L | Dr. O. Baum |
| Doughton, J. L | Dr. L. C. Gentry |
| Earl, G. C | Dr. J. J. Mann |
| Eller, A. J | Dr. J. B. Triplett |
| Griffin, C. F | Dr. J. L. Outland |
| Hammock, J. C | Dr. E. Fulp |
| Hamrick, T. G | Dr. T. B. Lovelace |
| Hartsell, W. K | Dr. J. Brank |
| Hays, B. K | C. P. & S. |
| Hill, D. J | Dr. W. J. Hill |

| NAME. | PRECEPTOR. |
|---|---|
| Hill, W. L | Dr. L. H. Hill |
| Howey, E. W | Dr. W. H. Crowell |
| Jackson, C. C | Dr. W. L. Ward |
| Kenan, O. H | Dr. E. Geer |
| Kernodle, J. L | Dr. G. W. Kernodle |
| Kornegay, J. W | Dr. J. A. Faison |
| McCracken, J. F | Dr. C. Hampson Jones |
| McNairy, C. B | Dr. M. F. Fox |
| Millard, D. R | C. P. & S. |
| Mizell, W. G., Jr | B. C. D. S. |
| Moore, W. B | Dr. S. A. Moir |
| Moore, W. J | Dr. R. S. Martin |
| Osborne, F. L | Dr. S. E. Pennington |
| Price, J. H | Univ. of N. C. |
| Ray, D. S | B. C. D. S. |
| Register, F. M | Dr. J. P. Munroe |
| Riddick, T. M | Dr. R. N. Cartwright |
| Rierson, N. E | B. C. D. S. |
| Rodwell, J. W | Dr. M. P. Perry |
| Rollins, E. E | Dr. B. W. Burt |
| Street, M. E | Med. Coll. of Va. |
| Thompson, J. W | B. C. D. S. |
| Turlington, W. T | Univ. of N. C. |
| Walton, C. B | C. P. & S. |
| Watkins, T. T | Dr. E. Fulp |
| Wheeler, J. H | B. C. D. S. |
| Whisnant, A. M | C. P. & S. |
| Whitehead, Frank | Univ. of Va. |
| Whittington, W. W. | Dr. W. P. Whittington |
| Williams, J. B., Jr | Dr. J. B. Williams |
| Windley, C. T | Dr. S. Hassell |
| Wyche, C. I | Dr. C. D. Wyche |

NOVA SCOTIA.

| | |
|---|---|
| Bailey, G. W. C | Dr. L. G. De Blois |
| Bethune, D. J | Halifax Med. Coll. |
| Chisholm, Alex. W | Dr. A. W. McLennan |
| Ford, F. S. L | Dr. G. A. Smith |
| Haché, H. C | Dr. A. McLennan |
| Kennedy, A. E | Dr. R. E. Gunn |
| McDonald, D. F | Dr. M. A. McDonald |
| Morrison, D. A | Dr. J. McDonald |
| Saunders, L. St. C | B. C. D. S. |
| Shaffner, A. A | Faculty |
| Shaffner, L. R | Dr. J. S. Lockhart |
| Wallace, J. I | Dr. A. W. Sawyer |

OHIO.

| | |
|---|---|
| Allen, A. B | Dr. A. J. Crawford |
| Allen, C. S | C. P. & S. |
| Arey, C. O | Dr. W. E Simmons |
| Barrow, C. A | Dr. H. C. Allen |
| Blake, C. F., Ph. B | Dr. A. F. Holmes |
| Bucher, J. F | Dr. M. E. Atkinson |
| Campbell, R. A | Dr. McGrew |
| Conway, B. L | Dr. B. W. Anshutz |
| Elder, W. E | Dr. H. W. Holmes |
| Entrikin, F. B | Dr. F. W. Entrikin |
| Essick, G. C | Dr. P. C. Ramsey |
| Finch, J. H | Dr. W. S. Gardner |
| Fishbaugh, M. B | Dr. L. R. Pence |
| Fishbaugh, P. W | Dr. L. R. Pence |
| Glass, G. F | Dr. H. M. Wilson |
| Haning, H. C | Dr. B. C. Voorhes |
| Hartinger, D. B | Dr. D. S. Hartinger |
| Hazelton, H. M | Dr. H. C. Allen |
| Hughes, D. C | Drs. Firmin & Guise |
| Hunt, Reid | Johns Hopkins Univ. |
| Hutcheson, F. K | Dr. W. S. McFarland |
| Jeffrey, H. R | Dr. S. T. Gregg |
| Martin, J. H | Dr. F. P. Martin |
| Meggenhofen, Edw | Dr. W. A. Hall |
| Moore, J. J | C. P. & S. |
| Mulhane, F. F | C. P. & S. |
| Near, W. F | C. P. & S. |
| Richardson, F. R | Dr. J. W. Ward |
| Ruhrah, Jno | C. P. & S. |
| Sanor, D. G | Dr. J. M. Ernest |
| Scott, W. S | Dr. D. H. Scott |
| Sellers, C. P | Dr. W. L. West |
| Shauwecker, Sam | Dr. S. P. Snyder |
| Spence, A. D | C. P. & S. |
| Taylor, R. L., B. S | Dr. M. J. Ew'ng |
| Uberroth, M. W | Dr. W. H. Foent |
| White, U. P | Drs. Hyde & Primrose |

ONTARIO.

| | |
|---|---|
| Fletcher, H. M | C. P. & S. |
| Schaeffer, E. A | Dr. W. A. L. Riezel |
| Taylor, R. T | B. C. D. S. |

OREGON.

| | |
|---|---|
| Bailey, F. J | Dr. F. A. Bailey |
| Belknap, V. C | Dr. H. P. Belknap |
| Evanson, J. I | Dr. C. E. Worthington |
| Hamilton, W. B., B. S | Dr. J. V. Gaff |

PENNSYLVANIA.

| | |
|---|---|
| Aber, E. H | Dr. J. F. McGrew |
| Appleby, A. G | Dr. D. J. Appleby |
| Ashbrook, W. B | B. C. D. S. |
| Berge, W. H | C. P. & S. |
| Blankenbuehler, J. H | Dr. J. F. McGrew |
| Bruner, H. B | Dr. J. R. Faust |
| Bumgarner, A. L | B. C. D. S. |
| Bupp, E. H | Dr. A. N. Falkenstein |
| Butler, E. J | Dr. W. J. Butler |
| Clark, E. E | Dr. W. G. Humphrey |
| Coe, B. F | Dr. J. F. Fleming |
| Cooper, N. J | Dr. S. M. Free |
| Coursin, C. C | Drs. C. H. & R. J. Black |
| Crofford, J. H | C. P. & S. |
| Dale, W. H | Dr. C. D. Wood |
| Duff, E. L | Dr. W. L. Duff |
| Finley, F. H | Dr. J. F. McGrew |
| Gearhart, S. C | Dr. G. W. Lupfer |
| Girvin, M. R | Dr. C. E. Helne |
| Harbison, R. E | B. C. D. S. |
| Heilman, E. E | Dr. A. E. Heilman |
| Hildebrand, R. A | Dr. C. G. Hildebrand |
| Holtzapple, M. H | Dr. W. H. Wagner |
| Houser, P. W | Dr. J. O. Nipple |
| Humphreys, F | Dr. W. C. Quinn |
| Hunter, J. C | Dr. L. C. Thomas |
| Jamison, W. F | Dr. T. M. Curran |
| Johnson, E. J | Dr. J. H. Miller |
| Johnston, J. M | Dr. G. W. Tupher |
| Kidder, L. E | Dr. G. W. Tupher |
| Kissner, A. O | Dr. O. L. Muffley |
| Kramer, A. E | C. P. & S. |
| Laciar, C. W | Dr. A. J. Laciar |
| Longacre, W. W | Dr. E. W. Tool |
| McKinley, A. O | Dr. A. F. Speicher |
| McLenahan, T. M | Dr. M. D. Satterlee |
| Miller, P. T | Dr. C. C. Miller |
| Morgan, O | Dr. R. G. Covode |
| Morrison, J. W., M. D | Univ. of Pa. |
| Nolan, J. J. M | Dr. J. W. Bealor |
| Poust, G. A | Dr. A. H. Harriman |
| Rebuck, C | C. P. & S. |
| Reese, G. B. M | Dr. C. S. Mohney |
| Rink, I. C | Dr. H. S. Keepers |
| Ritter, H. M | Dr. G. M. Cummings |
| Ritter, W B | Dr. A. H. Harriman |
| Roberts, J. P | Dr. D. W. Williams |
| Roland, W. R | Dr. H. C. Derr |
| Roueche, W. H | C. P. & S. |
| Seafuse, S. M | Dr. C. N. Hammond |
| Shatto, A. B | Dr. A. T. Grove |
| Shepard, E. N | Dr. S. W. Shepard |
| Shirey, B. W | Dr. J. H. Gerry |
| Sieminowicz, W | Dr. M. J. Szlufas |
| Smith, B. M | B. C. D. S. |
| Snyder, J. J | Dr. A. Noel |
| Swope, S. W | Dr. S. W. Hart |
| Thompson, J. R | Dr. D. L. Ross |
| Umson, R. M | B. C. D. S. |
| Varney, E. M | Dr. J. F. Haines |
| Vastine, J. H | Dr. J. R. Kimerer |
| Voorhees, S | Dr. C. Voorhees |
| Wendell, B. F | Dr. J. C. Duncan |
| Williams, D. B | Dr. E. D. Williams |

| NAME. | PRECEPTOR. |
|---|---|
| Wilson, H. S | Dr. C. A. Campbell |
| Wolf, A. C | Dr. R. A. Plank |
| Wolfe, I. R | Dr. W. E. Delaney |
| Wood, E. H | Drs. Hart & Walker |
| Yagle, G. N., Jr | Dr. P. A. Lutz |

RHODE ISLAND.

| | |
|---|---|
| Barry, W. F | Dr. J. J. Baxter |
| Dolan, J. A | Dr. M. A. Walsh |
| Fortier, A. J | Dr. L. P. Barolet |
| Glancy, C. A | Dr. M. W. Kelleher |
| McKenna, F. A | Dr. M. W. Kelleher |
| Murray, J. T | Dr. J. F. Kerins |
| O'Hare, P. F | Dr. F. J. Smith |
| Roche, M. W | Dr. M. W. Kelleher |
| Smith, S. B | Dr. W. J. Smith |

SOUTH CAROLINA.

| | |
|---|---|
| Campbell, J. W | Dr. E. W. Pressey |
| Floyd, M. A | Dr. R. Kelley |
| Geiger, J. F | B. C. D. S. |
| Johnston, D. M., Jr | B. C. D. S. |
| Koon, T. W | Dr. G. A. Setzler |
| Longshore, A. L | Dr. W. D. Senn |
| Mace, Samuel | C. P. & S. |
| McCalla, L. O | Dr. A. J. Speer |
| Porter, F. S | C. P. & S. |
| Teson, W. W | Dr. S. Smith |
| Wingard, J. J | Dr. M. O. Hendrix |
| Zemp, E. R | Dr. F. L. Zemp |

SOUTH DAKOTA.

| | |
|---|---|
| Bradford, C. S | C. P. & S. |
| Colcord, A. W | Dr. E. S. Mattison |

TENNESSEE.

| | |
|---|---|
| Miller, H. J., M. D | C. P. & S. |

TEXAS.

| | |
|---|---|
| Cox, T. F | B. C. D. S. |
| Dashiell, G. R | B. C. D. S. |
| De Viney, A. E | Dr. W. R. Rathbone |
| Foster, W. E | Dr. M. S. Read |
| Fountain, W. C | Dr. J. L. Fountain |
| Grigsby, C. M | Dr. J. W. Park |
| Hill, D. C | Dr. W. R. Clifton |
| Hoffer, H. W | B. C. D. S. |
| Knight, Lee | Dr. J. M. Woodson |
| Mathews, W. J | Dr. C. O. Mathews |
| Merchant, M. S | B. C. D. S. |
| Perry, E | Dr. R. B. Winder |
| Richardson, P. S | B. C. D. S. |
| Rinehart, E. S | B. C. D. S. |
| Weems, J. M | Dr. M. S. Hudson |

UTAH.

| | |
|---|---|
| Middleton, G. W | Dr. S. H. Allen |
| Noyes, J. F | Dr. S. H. Allen |
| Winters, W. P | Dr. S. H. Allen |

VERMONT.

| | |
|---|---|
| Cramton, C. A | Drs. Farmer & Peck |
| Hamilton, J. M., A. B | Dr. J. H. Hamilton |

VIRGINIA.

| | |
|---|---|
| Bogle, J. H | Dr. J. C. Blackburn |
| Boldridge, J. B | Dr. W. A. Bickers |
| Brown, C. E | B. C. D. S. |
| Brown, G. W | Dr. W. J. Strother |
| Butt, A. P | Dr. Welfley |
| Cover, E. L | Dr. C. C. Gentry |
| Cullers, R. B | Dr. J. H. Compton |
| Davenport, W. L | Univ. of Va. |
| Dillard, P. O | Dr. J. R. Dillard |
| Dobyns, B. S | Dr. C. M. Stegleman |
| Dunlap, C. N | Dr. J. C. Dunlap |
| Elliott, P. B | Dr. C. M. Stegleman |
| Epes, Wash | Dr. R. B. Winder |
| Fleenor, J. S | Dr. Withers |
| Fuller, L. E | Dr. W. T. Swanson |
| Geil, D. F | Dr. C. H. Rolston |
| Gordon, W. A | Dr. S. P. Coyner |
| Grubb, J. T | Dr. W. P. Parrish |
| Hunter, E. D | Drs. Hunter & Nash |
| Hutchinson, C | B. C. D. S. |
| Jones, C. W | Dr. H. E. Jones |
| King, J. C | Dr. J. R. Dillard |
| Leith, L. R | Dr. G. D. Hoge |
| Marshall, T. R | Dr. L. J. Baker |
| Oppenheimer, A. C | Dr. R. B. Winder |
| Palmer, R. V | Dr. J. H. Wolfe |
| Parkins, T. M | C. P. & S. |
| Preston, J. W | Dr. R. L. Martin |
| Pringle, J. J | C. P. & S. |
| Rangeley, W. W | Dr. R. S. Martin |
| Sawyer, C. J | Drs. Shertzer & Fowler |
| Shumate, C. R | Dr. P. H. Kelley |
| Stiff, J. P | B. C. D. S. |
| Stone, W. P | Dr. N. L. Kahlber |
| Stultz, P. H | Dr. J. R. Anderson |
| Sturges, W. M | B. C. D. S. |
| Switzer, B. W | Dr. H. M. Argabright |
| Tarter, J. W | Dr. W. R. Straw |
| Tebault, H. H | Dr. A. G. Tebault |
| Thornton, D. H | Drs. Witten & Crockett |
| Walz, W. T | B. C. D. S. |
| Warner, S. C. | Dr. J. C. Blackburn |
| Wood, A. D | Dr. J. W. Thurman |
| Woolfolk, F. L., M. D | Wash. Univ. |
| Wright, O. C | Dr. R. T. Ramsey |
| Yeatts, W. C | C. P. & S. |

WEST VIRGINIA.

| | |
|---|---|
| Alderson, W. W | W. Va. University |
| Aultz, L. L | Dr. J. J. Goff |
| Baker, O. L | Dr. C. E. Copeland |
| Bartlett, M. J | Dr. F. Howell |
| Bond, Claude | Drs. Huff & Swisher |
| Boyd, J. R | Dr. S. W. Woodyard |
| Brown, C. N | Drs. A. & G. L. Brown |
| Bush, A. B | Dr. A. J. Woofter |
| Campbell, E. H | Dr. J. V. Campbell |
| Campbell, J. I | Dr. J. D. Thrasher |
| Copeland, C. E | Dr. J. A. Boon |
| Crane, C. C | B. C. D. S. |
| Ebert, W. F. A. F | Dr. R. S. Ashbrook |
| Flowers, E. H | Dr. A. O. Flowers |
| Grier, J. A., B. S | W. Va. University |
| Hannah, Alex | Dr. A. O. Flowers |
| Hudnall, R. M | Dr. J. W. Harriman |
| Martin, E. T | Dr. D. Martin |
| McElrath, P. J | Dr. C. W. Spangler |
| McKinley, H. S | Dr. Z. E. Dawson |
| McKinney, L. L | Dr. J. W. Kidd |
| McMillan, W. W | Dr. T. M. Hoskins |
| McNeer, R. L | Dr. C. W. Spangler |
| Michael, W. S | Dr. J. F. Michael |
| Moore, J. M | Dr. L. V. Guthrie |
| Morehead, R. P | Dr. R. H. Thaw |
| Myers, J. W | Dr. W. Cracroft |
| Patton, A. J | Drs. Currey & Tate |
| Petty, C. W | C. P. & S. |
| Phleeger, J. W | National University |
| Rader, J. E | Dr. F. L. McGee |
| Rau, R. M | Dr. D. M. Schaeffer |
| Reese, W. I | Dr. G. O. Quesenberry |
| Sarver, C. B | Dr. W. P. Ewing |
| Sellers, E. M | Dr. J. W. Chesney |
| Somerville, O. S | Dr. C. E. T. Casto |
| Squires, M. B | Dr. W. P. Newlon |
| Suter, J. E | Univ. of W. Va. |
| Swey, W. M | Dr. Hatfield |
| Swift, E. D | Dr. F. L. Baker |
| Thomas, D. H | Dr. R. M. Hogg |
| Whelan, M. E | Dr. W. J. Bland |
| Wilson, E. A | C. P. & S. |

WISCONSIN.

| | |
|---|---|
| Conway, W. L | Univ. of Michigan |
| Davis, C. A | Dr. D. W. Clark |

DISSECTING ROOMS

CUMMINGS

# Graduating Class, 1893.

Acker, William B., N. Y.
Alexander, William S., Ind.
Arthur, F. Homer, Md.

Babcock, Warren L., N. Y.
Babcock, William Wayne, Jr., N. Y.
Bacon, Robert B., Md.
Bailey, M. A., Conn.
Bailey, Marshall H., N. H.
Barry, William F., R. I.
Beall, Ira W., Md.
Beason, William A., Ala.
Beckwith, Daniel G., N. C.
Berge, William H., Pa.
Blake, Charles F., Ohio.
Blankenship, Wm. Hunt. Ark.
Bogle, James H., Va.
Boldridge, James B., Va.
Bowen, William David, N. C.
Boyd, John R., W. Va.
Braman, Harry Scott, M.D. N. Y.
Brown, George Woodford, Va.
Brown, John Corner, Md.
Bruce, Charles Wesley, Mass.
Bubert, Edward Charles, Md.
Bucher, Jacob F., Ohio.
Bush, Alison B., W. Va.
Bussey, Thomas C., Md.
Butler, E. Justin, Pa.

Campbell, J. Isaac, W. Va.
Campbell, James W., S. C.
Cassady, Harry V., Kansas.
Church, W. Fremont, N. Y.
Clark, Edwin E., Pa.
Clark, John Benjamin, Ga.
Clarke, Francis Moore, N. C.
Cohn, M. A., Md.
Colcord, Amos W., Pa.
Conboy, J. Phillip, Colorado.
Cooper, H. C., Ky.
Copeland, Charles E., W. Va.
Coursin, Clyde C., Pa.
Crawford, Albert C., Md.
Cronin, Henry W., Mass.
Cullers, Robert B., Va.
Currier, Everett Benton, Me.

Davenport, William Leslie, Va.
Delgadillo, Francisco de P., Nicaragua.
Dick, Andrew J., N. Y.
Dick, Christopher Cyrus, Ind.
Dillard, Peter O., Va.
Dolan, John A., Conn.
Doughton, James L., N. C.
Downes, Morton E., Del.
Dunlap, Cary Nelson, Va.

Eller, Albert J., N. C.
Enlind, K. Arvid, Conn.
Essick, George C., Ohio.
Evanson, Jacob Ingwald, Ore.

Fishbaugh, M. B., Ohio.
Fishbaugh, Preston W., Ohio.
Fletcher, Hugh M., Ontario.

Flowers, Edward N., W. Va.
Floyd, Manton A., S. C.

Gates, Hubbard, Fla.
Geil, D. F., Va.
Girvin, Mercer R., Pa.
Glass, George F., Ohio.
Gordon, William A., Pa.
Griffin, C. F., N. C.
Grigsby, Clarence M., Texas.

Hardenbrook, Edward R., N. Y.
Hardy, Richard Thomas, Md.
Hazelton, Henson M., Ohio.
Heilman, Elmer E., Pa.
Hill, David J., N. C.
Hill, W. Lee, N. C.
Holtzapple, Milton H., Pa.
Horne, B. Frank, Maine.
Houser, Penrose Willus, Pa.
Hughes, Don C., Ohio.
Hunter, John C., Pa.

Jackson, C. Cushing, N. C.
Jeffrey, Hugh R., Ohio.
Johnson, John William, Conn.

Kanar, William P., N. Y.
Kennedy, Alexander E., N. S.
Kernodle, J. Loftin, N. C.
King, John C., Va.
Knowles, Francis Evelyn, England.
Koon, Thomas W., S. C.
Kornegay, James W., N. C.
Krum, F. W., Pa.

Lee, Robert R., Va.
Leith, Leroy R., Va.
Lewis, Arthur C., Mass.
Likes, Sylvan H., Md.
Limerick, Oliver Victor, Miss.
Linthicum, George Milton, B. A., Md.
Lockwood, Frank Wesley, N. J.
Loevenson, Morris L., Md.
Longacre, William W., Pa.
Longshore, Andrew L., S. C.

Marshall, Thomas Rollins, Va.
Martin, E. T., W. Va.
Martin, John H., Ohio.
Mathews, Walter J., Texas.
McCalla, Lawrence Orr, S. C.
McCracken, Jesse F., N. C.
McElrath, Percy J., W. Va.
McElroy, James B., Miss.
McLenahan, T. Morrow, Pa.
McMillan, Walter W., W. Va.
McNairy, Charles Banks, N. C.
Michael, Willis S., W. Va.
Miller, Proctor Thayer, Pa.
Moore, John Joseph, Ohio.
Moore, J. S., Ala.
Moore, William B., N. C.
Moore, W. James, N. C.
Morrison, Daniel Allan, N. S.
Mulhane, Thomas F., Ohio.

Myers, John Wesley, W. Va.

Neer, Charles Sandford, N. J.
Norton, William E., Ga.

O'Connor, Thomas H., N. H.
O'Farrell, Bernard E., Md.
O'Hara, W. James A., Conn.
O'Neil, Eugene David, Me.

Parcher, Clarence G., Maine.
Petty, Charles W., W. Va.
Phleeger, John W., W. Va.
Porter, Fletcher S., S. C.
Preston, John W., Va.
Prior, Felix M., Ga.

Quinn, George W., Dela.

Rau, Rudolph M., W. Va.
Reese, Wm. I., W. Va.
Riddick, Thomas Moore, N. C.
Riggs, Watt S., Ala.
Roberts, John Pierce, Pa.
Robinson, Frederick T., Md.
Rollins, Edgar E., N. C.

Seafuse, Samuel M., Pa.
Sellers, Charles P., Ohio.
Sellers, Ezra M., W. Va.
Shaffner, L. Richmond, N. S.
Shauwecker, Samuel, Ohio.
Shumate, Charles Rufus, Va.
Sieminowicz, Wladimir Jos., Pa.
Snyder, John J., Pa.
Somerville, George W., N. B.
Squires, Melvin B., W. Va.
Stone, William P., Va.
Street, M. Eugene, N. C.
Sudler, Thomas, Md.
Sullivan, Daniel H., N. Y.
Suter, John Ellsworth, W. Va.
Switzer, Bernard W., Va.

Thompson, James R., Pa.
Thornton, David H., W. Va.
Tison, W. Walter, S. C.
Twitty, Frank S., Ga.
Tyrrell, George W., N. J.

Uberroth, Marion W., Ohio.

Voorhees, Sherman, Pa.

Walton, Charles B., N. C.
Waterworth, Samuel J., Md.
Welch, Samuel Wallace, B. S., Ala.
West, James Alex., Md.
Whisnant, A. Miller, N. C.
Whitehead, Frank W., N. C.
Windley, Charley T., N. C.
Winters, William P., Utah.
Wolf, A. Curtin, Pa.
Wood, Amos D., Va.
Wood, William Francis, Mass.
Woodman, Daniel Nash, Me.
Wright, Otho C., Va.
Wyche, Chas. Ira, N. C.

## PRIZES AWARDED.

FIRST COLLEGE PRIZE—GOLD MEDAL. - - CHARLES F. BLAKE.
SECOND " " " " { WARREN L. BABCOCK. WILLIAM WAYNE BABCOCK, Jr.
THIRD " " " " - - AMOS W. COLCORD.
FOURTH " " " " - - - JAMES B. McELROY.

## Worthy of Honorable Mention.

SYLVAN H. LIKES, FRANCIS MOORE CLARKE, JACOB F. BUCHER,
JOHN J. SNYDER, WILLIAM F. BARRY, MARSHALL H. BAILEY,
THOMAS H. O'CONNOR, HARRY V. CASSADY.

# Number of Students and Graduates,

## CLASS OF 1892-93,

### ARRANGED BY STATES AND COUNTRIES.

| STATE. | STUDENTS. | GRADUATES. |
|---|---|---|
| Alabama | 12 | 4 |
| Arkansas | 2 | 1 |
| Colorado | 1 | 1 |
| Connecticut | 17 | 5 |
| Delaware | 3 | 2 |
| District of Columbia | 2 | .. |
| England | 1 | 1 |
| Florida | 4 | 1 |
| Georgia | 12 | 4 |
| Germany | 1 | .. |
| Indiana | 2 | 2 |
| Iowa | 1 | .. |
| Kansas | 1 | 1 |
| Kentucky | 1 | 1 |
| Louisiana | 1 | .. |
| Maine | 6 | 5 |
| Massachusetts | 18 | 4 |
| Maryland | 78 | 17 |
| Mississippi | 6 | 2 |
| Missouri | 2 | .. |
| Montana | 1 | .. |
| New Brunswick | 4 | 1 |
| New Hampshire | 4 | 2 |
| New Jersey | 10 | 3 |
| New York | 45 | 9 |
| Nicaragua | 1 | 1 |
| North Carolina | 55 | 23 |
| Nova Scotia | 12 | 3 |
| Ohio | 37 | 15 |
| Ontario, Canada | 3 | 1 |
| Oregon | 4 | 1 |
| Pennsylvania | 70 | 22 |
| Rhode Island | 9 | 2 |
| South Carolina | 12 | 7 |
| South Dakota | 2 | 1 |
| Tennessee | 1 | .. |
| Texas | 15 | 2 |
| Utah | 3 | 1 |
| Vermont | 2 | .. |
| Virginia | 46 | 17 |
| West Virginia | 43 | 18 |
| Wisconsin | 2 | .. |
| Total | 552 | 179 |

# ALUMNI ASSOCIATION,

# College of Physicians and Surgeons.

## OFFICERS FOR 1893-94.

*President:*

THOMAS H. BRAYSHAW, M. D.

*Vice-Presidents:*

CHARLES F. BLAKE, M. D. J. B. McELROY, M. D.

*Secretary:*

W. J. TODD, M. D.

*Assistant Secretary:*

T. H. O'CONNOR, M. D.

*Treasurer:*

EDWIN GEER, M. D.

*Executive Committee:*

GEO. H. ROHÉ, M. D., C. HAMPSON JONES, M. D.,
WM. F. SMITH, M. D.

*Committee on Prize Essays:*

GEO. J. PRESTON, M. D., J. W. LORD, M. D.,
FRANK DYER SANGER, M. D.

---

A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '94, and at the Banquet which will follow it.

*Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually, are requested to write to the Dean.*

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Physicians who may obtain normal or pathological specimens of interest are requested to forward them to the college. Specimens should be labeled with the name of the donor and will be preserved in the museum.

THOMAS OPIE, M. D., DEAN.

# The Baltimore College of Dental Surgery

Chartered by the Legislature of Maryland in 1839.

## THE OLDEST DENTAL COLLEGE IN THE WORLD.

### FACULTY.

RICHARD B. WINDER, M.D., D.D.S., Professor of Dental Surgery and Operative Dentistry.
M. WHILLDIN FOSTER, M.D., D.D.S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D.D.S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M.D., D.D.S., Professor of Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M.D., Professor of Physiology.
WILLIAM SIMON, M.D., PH.D., Professor of Chemistry.
CHARLES F. BEVAN, M.D., Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M.D., Professor of Anatomy.
GEORGE H. ROHE, M.D., Professor of Materia Medica.

### LECTURERS.

WM. F. SMITH, A.B., M.D., Regional Anatomy.
J. N. FARRAR, M.D., D.D.S., Irregularities.
J. MEYER, D.D.S., Continuous-Gum.
DR. GEORGE EVANS, Crown- and Bridge-Work.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

### CLINICAL INSTRUCTORS.

| | | | |
|---|---|---|---|
| CORYDON PALMER, D.D.S. | Ohio. | C. M. GINGRICH, D.D.S. | Md. |
| E. PARMLY BROWN, D.D.S. | N. Y. | J. HALL MOORE, M.D. | Va. |
| A. L. NORTHROP, D.D.S. | N. Y. | JOHN ALLEN, D.D.S. | N. Y. |
| CHAS. R. BUTLER, D.D.S. | Ohio. | R. B. DONALDSON, D D.S. | D. C. |
| E. L HUNTER, D.D.S. | N. C. | H. A. PARR, D.D.S. | N. Y. |
| W. W. WALKER, D.D.S. | N. Y. | J. EMORY SCOTT, D.D.S. | Md. |
| T. S. WATERS, D.D.S. | Md. | E. R. RUST, D.D.S. | D. C. |
| DAVID GENESE, D.D.S. | Md. | C. ALEXANDER, D.D.S. | N. C. |

### DEMONSTRATORS.

R. BAYLY WINDER, Jr.. Phar. G., D.D.S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D.D.S., Demonstrator of Mechanical Dentistry.

### ASSISTANT DEMONSTRATORS.

GEORGE E. HARDY, M.D., D.D.S.
W. W. DUNBRACCO, D.D.S.
J. W. SMITH, D.D.S.
G. MARSHALL SMITH, D.D.S.
J. E. ORRISON, D.D.S.
W. S. TWILLEY, D.D.S.
J. S. SUTHERLAND, D.D.S.

W. F. SMITH, A.B., M.D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M.D., Assistant Demonstrator of Anatomy.
R. G. DAVIS, M.D., Assistant Demonstrator of Anatomy.
W. F. SMITH, A.B., M.D., Assistant Demonstrator of Anatomy.

The Baltimore College of Dental Surgery, the first, and for many years the only dental school, offers facilities for the study of dentistry proper such as age and experience only can give. Its immense museum, complete apparatus, large and well-arranged building, and carefully studied curriculum, give to its students great advantages and opportunities, both theoretical and practical, while its age gives its diploma a dignity far outranking all other colleges—a diploma honorably represented in all civilized countries, and held by the most distinguished members of the dental profession.

The fact that dentistry must be practically taught is fully recognized, the College Infirmary, a most complete, large and handsome hall, being daily filled with clean and respectable patients, of a class nearly equal to those of the average dentist. The Infirmary is open all the year, students paying an entrance fee, which is deducted from those of the regular succeeding course.

The session begins October 1, closing in March. A large corps of demonstators, always present, put in actual practice the teachings of all lecturers in dentistry—leaving nothing undemonstrated. All methods are fully taught, all appliances and apparatus used; the making of instruments and the most elaborate gold and continuous-gum work, and all the cases arising in ordinary practice, with many which are rarely seen, carefully demonstrated.

The College has formed an alliance with the College of Physicians and Surgeons by which its students are privileged to attend all lectures and clinics. The patients of this medical school numbered last year over 40,000.

Graduates of the Baltimore College of Dental Surgery are required to attend but one session at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M.D. (See Catalogue.) In accordance with the resolutions adopted by the National Association of Dental Faculties, which go into effect for the session of 1891 and 1892, the qualifications for entering the first year's course are a preliminary examination in the ordinary English branches.

**TERMS OF GRADUATION.**—Attendance on three winter courses of lectures in this College; as equivalent to one of these we accept one course in any reputable dental college. Graduates in Medicine can enter the Junior class.

**BENEFICIARY STUDENTS.**—Each State Dental Society is privileged to send one Beneficiary Student to this College at one-half the regular fees. This has been for some years an established feature of this College.

**FEES.**—Matriculation (paid once only), $5.00. Tuition fees, $100.00. Diploma fee, $30.00. Dissecting fee, $10.00.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**Prof. R. B. WINDER, Dean,**

**No. 716 Park Avenue, Baltimore, Md.**

# The Maryland Lying-in Asylum,

## 115 West Lombard Street,

### BALTIMORE, MD.

**Under the Exclusive Control of the College of Physicians and Surgeons.**

This Institution is open for the reception of patients. Indigent women of this City and State are admitted for their confinement, and carefully attended by scientific physicians and skilled nurses. Having been liberally aided by the Legislature, no cost nor pains have been spared to render it as perfect as possible in all its departments. The public wards are spacious, well warmed and ventilated, and are supplied with all the appliances and conveniences which can conduce to the comfort of the parturient woman.

Board, attention by a member of the Faculty, nursing and medicines are given free of charge to all patients in the Public Wards.

Every precaution is taken to prevent the recognition of inmates.

Private patients are furnished rooms at from $6.00 to $12.00 per week, according to the size and location of the chambers.

For additional information apply to the Dean, or to W. Wayland Frames, M. D., House Physician.

THOS. OPIE, M. D.,
DEAN OF THE FACULTY.

# New City Hospital.

**Adjoining and under the Control of the College of Physicians and Surgeons.**

# College of Physicians and Surgeons

## Baltimore, Md.

# Annual Announcement and Catalogue

1894-95

PRESS OF
DEUTSCH LITHOGRAPHING & PRINTING CO.
BALTIMORE.

# DISPENSARY STAFF.

*Physican in Charge*.....EDWIN GEER, M. D.

*DEPARTMENTS.*

*Surgery*.....S. S. ULLRICH, M. D.
STANDISH McCLEARY, M. D.
*Genito-Urinary Surgery*.....W. W. FRAMES, M. D.
*Diseases of Children*.....G. M. LINTHICUM, M. D.
*Nose, Throat and Chest*.....M. SCHAPIRO, M. D.
F. B. ADAMS, M. D.
R. T. HARDY, M. D.
*Skin*.....W. F. SMITH, M. D.
*Diseases of Women*.....W. S. GARDNER, M. D.
*Nervous Diseases*.....A. L. HODGDON, M. D.
*Practice of Medicine*.....J. B. SAUNDERS, M. D.
JULIUS FRIEDENWALD, M. D.
*Diseases of the Eye and Ear*.....HARRY FRIEDENWALD, M.D.

## CITY HOSPITAL.

*VISITING STAFF.*

*Surgeons.*

PROF. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" THOS. OPIE, M. D.
" J. W. CHAMBERS, M. D.
" J. H. BRANHAM, M. D.
HARRY FRIEDENWALD, M. D.

*Physicians.*

PROF. THOS. LATIMER, M. D.
" GEO. J. PRESTON, M. D.
" GEO. H. ROHE, M. D.
" GEO. THOMAS, M. D.

*PATHOLOGISTS.*

PROF. N. G. KEIRLE, A. M., M. D.
JULIUS FRIEDENWALD, A. B., M. D.

*HOUSE STAFF.*

CHAS. F. BLAKE, Ph. B., M. D , Resident Physician.
EDWARD H. WOOD, M. D., 1st Assistant Resident Physician.
JNO. RUHRÄH, M. D., 2d Assistant Resident Physician.
JNO. BRISCOE, M. D., 3d Assistant Resident Physician.

## MATERNITÉ HOSPITAL STAFF.

*Visiting Obstetrician*.....PROF. L. E. NEALE, M. D.
*Resident Physician*.....A. S. HOTALING, M. D.
*Assistant Resident Physician*.....ALFRED T. GUNDRY, M. D.
*Chief of Out-Door Department*.....EDWIN GEER, M. D.

## BAY VIEW HOSPITAL.

*Surgeons.*

PROF. THOS. OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" J. W. CHAMBERS, M. D.
" JOS. H. BRANHAM, M. D.
W. F. SMITH, A. B., M. D.
HARRY FRIEDENWALD A. B., M. D.

*Physicians.*

PROF. THOS. S. LATIMER, M. D.
" GEO. J. PRESTON, A. B., M. D.
" L. E. NEALE, M. D.
" GEORGE THOMAS, A.M., M.D.
FRANK C. BRESSLER, M. D.
C. H. JONES, M. B. (Edin.), M. D.
JULIUS FRIEDENWALD, A. B., M. D.

*HOUSE STAFF.*

*Resident Physician*.....H. H. HAYDEN, M. D.
*Assistant Resident Physician*.....C. W. LACIAR.

## PHYSIOLOGICAL PATHOLOGICAL AND CHEMICAL LABORATORIES.

*Professor of Chemistry*.....W. SIMON, PH. D., M. D.
" " *Physiology*.....GEORGE J. PRESTON, A. B., M. D.
" " *Pathology*.....N. G. KEIRLE, A. M., M. D.
*Demonstrator of Physiology*.....C. HAMPSON JONES, M. B. (Edin.), M. D.
" " *Chemistry*.....W. WAYLAND FRAMES, PH. G., M. D.
" " *Pathology*.....JULIUS FRIEDENWALD, A. B., M. D.

# FACULTY.

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynæcology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, Ph. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Operative and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

L. E. NEALE, M. D.,
*Professor of Obstetrics.*

JOSEPH H. BRANHAM, M. D.,
*Professor of Anatomy and Clinical Professor of Diseases of the Rectum.*

R. B. WINDER, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as Applied to Medicine.*

GEORGE THOMAS, M. D.,
*Clinical Professor of Nose, Throat and Chest.*

C. HAMPSON JONES, M. D.,
*Associate Professor of Physiology.*

HARRY FRIEDENWALD, A. B., M. D.,
*Associate Professor of Diseases of the Eye and Ear.*

JULIUS FRIEDENWALD, M. D.,
*Associate Professor of Pathology, and Clinical Professor of Diseases of the Stomach.*

FRANK C. BRESSLER, M. D.,
*Clinical Professor of Diseases of Children.*

FRANK DYER SANGER, M. D.,
*Associate Professor of Anatomy and Demonstrator of Anatomy.*

WILLIAM F. SMITH, M. D.,
*Clinical Professor of Dermatology, Associate Professor of Genito Urinary Surgery and Demonstrator of Anatomy.*

WILLIAM S. GARDNER, M. D.,
*Associate Professor of Gynæcology.*

W. WAYLAND FRAMES, M. D.,
*Demonstrator of Chemistry.*

EDWIN GEER, M. D.,
*Physician in charge City Hospital Dispensary and Chief of Out-door Department of Maryland Lying-in Asylum.*

*ASSISTANT DEMONSTRATORS, 1894-95.*

Ten Graduates of Anatomy (second course), Class '94.

| | |
|---|---|
| A. E. BOWERMAN, | J. C. MORFIT, |
| H. M. ORR, | J. H. WHITE, |
| A. HAWKINS, | C. W. VOGEL, |
| H. G. STETSON, | LEE KNIGHT, |
| F. G. BRYANT, | H. B. BRUNER. |

THOMAS OPIE, M. D.,
*Dean of the Faculty,*
Cor. Calvert and Saratoga Streets.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## ANNOUNCEMENT FOR 1894.

The Twenty-Third Annual Announcement of Lectures in the College of Physicians and Surgeons of Baltimore will begin October 1, 1894. A Preliminary Course, chiefly clinical, will begin September 17th. This school was organized and incorporated under the laws of the State of Maryland, in 1872. Humble in its origin, it has, without endowment or other extraneous aid, achieved such a success as to grade, equipment and the number of students in attendance, that it now occupies a place among the leading American institutions of its kind.

In 1877 the Washington University School of Medicine, which was established in 1827, was merged into the College of Physicians and Surgeons of Baltimore. At this time an enactment of the General Assemby of Maryland ratified the union of the two schools under the title of College of Physicians and Surgeons of Baltimore and conferred upon it all the rights, powers and privileges of both schools combined. This is in fact the 56th session of the school, estimating on the basis of its being a continuation of Washington University School of Medicine.

The acquisition of the prestige, equipment and alumni of a time-honored rival, constituted a new era in the early history of this school. The facilities extended the student of medicine have been added to year by year. The results attained by the school have been accom-

plished by steady, earnest, persistent work. It has, however, been contributed to, in large measure, by the meritorious conduct and, in many instances, the distinction attained by her graduates, who may be found in every state and territory of the Union, in every province of British North America and in far off countries.

Practical instruction is imparted faithfully and elaborately throughout the year, by frequent post-mortems before the class, by work in the dissecting rooms, which are admirably appointed and where there is never a scarcity of anatomical material; by demonstration in the bone-room, where there are in store 150 skeletons for the especial use of students in the primary department; by well equipped chemical, physiological and pathological laboratories, attendance upon which is obligatory upon every student; by demonstrations by the Professor of obstetrics; and practical working by the students in operative obstetrics, for which the most approved apparatus and the human subject are supplied.

In these times a school may fairly be judged by the amount and variety of clinical illustration it is able to place before its students, in the departments of medicine, surgery and obstetrics. The division of the general class into sections or ward-classes has made this plan of teaching far more effective than formerly. An enumeration of the medical institutions under the absolute control of the College of Physicians and Surgeons will set forth the superior clinical and other facilities it commands:

The new and capacious College building, containing the lecture halls, physiological, clinical and pathological laboratories, dissecting rooms and museum.

The new and magnificent Baltimore City Hospital, which contains beds for 300 patients, in immediate

contiguity with and opening directly into the operating amphitheatre of the College building.

The Annex to the City Hospital; the first Hospital for the colored race ever erected in Maryland, with a capacity of 100 beds, likewise adjoining the College building and connected with the amphitheatre by a covered hallway, thus facilitating the examinations and operations upon patients before the whole class.

The Baltimore City Almshouse, containing 1200 beds (exclusive of the Insane Department) consisting of medical and surgical cases. This material is utilized in conjunction with one other school of medicine for the clinical instruction of our respective classes. The management of the clinics here are made the more effectual by the fact that a Resident and Assistant Resident Physician are annually appointed from the College of Physicians and Surgeons.

The Maryland Lying-in Asylum was inaugurated in 1874. This was the first institution of its kind ever established in this State, and one of the first in this country, with a view to giving students the requisite opportunities for a practical and bedside acquaintance with the phenomena of labor and the obstetric art.

The Dispensary of the College of Physicians and Surgeons is a strong testimonial to the active and efficient corps of workers and instructors, who daily care for an average of 100 patients. The variety and nature of the diseases presented, and the treatment resorted to in the presence of the student, may well be considered.

In addition to the hospitals mentioned under the exclusive control of the College of Physicians and Surgeons, there are a number of general and special hospitals in which members of the Faculty hold appointments, and where they are thus enabled to hold clinics

and to transfer to our amphitheatre-clinics patients of special interest and value to our classes. The Faculty adopted four years ago the plan of dividing the general class into small ward classes, giving to the student individual instruction and bedside experience in the diagnosis and treatment of disease. This has proven a success and should commend itself to every thoughtful member of the medical profession.

It is a matter of congratulation for the medical profession, and the people as well, of our country, that there is a steady ratio of improvement in the methods of teaching medicine, and that the student enters upon his curriculum with far better qualifications than formerly. We would venture, likewise, to assume, that the young physician on leaving college is better qualified and has a much better foundation for usefulness to his fellow man than ever before.

The College of Physicians and Surgeons is a member of the American Medical College Association and has steadfastly supported all the rules and requirements of this Association. In accordance with these rules all matriculates will hereafter be compelled to pass a preliminary examination before admission, and attend three courses of lectures of six months' duration each, before presenting themselves for the degree of Doctor of Medicine.

# COURSE OF INSTRUCTION.

## *CLINICAL AND DIDACTIC LECTURES.*

Two courses of lectures are given during the year, a winter and a spring course. The winter session will be preceded by preliminary lectures, chiefly clinical in character, which begin September 15th and end October 1st. The regular winter session will begin October 1st aud end April 1st, and will consist of five or six lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary, and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors, of Bay View, the Hebrew Hospital, the Nursery and Child's Hospital, and St. Joseph's Hospital, of transferring cases of special interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures will enable the reader to appreciate the practical nature of our school work.

The Laboratory courses are complete, and bedside instruction is given not only in the general but also in the special branches.

The lecture halls are commodious, well ventilated and newly furnished.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

### *EYE AND EAR CLINIC.*

Clinical instruction is given on the diseases of the eye and ear, embracing exhibition of cases and the demonstration of operations before the general class, besides the conducting of ward instruction, in which thorough examinations are offered to smaller numbers, and the use of the ophthalmoscope, perimeter, methods of correcting the errors of refraction, examinations and treatment of diseases of the ear are shown by Professor A. Friedenwald and Dr. Harry Friedenwald.

### *PHYSICAL DIAGNOSIS.*

The Senior Class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of diseases of the heart, throat and lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinations by Dr. George Thomas. Dr. Thomas gives special instruction in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

### NERVOUS SYSTEM.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity, in practical medicine, is given by Professor Preston.

### THE GYNÆCOLOGICAL CLINIC.

The ward for white women embraces the entire second floor of the west wing of the City Hospital.

The fourth floor of the City Hospital Annex, which is the hospital for the colored race, is occupied by the colored women. The daily clinic for the Diseases of Women at the City Hospital Dispensary, in conjunction with the above-named sources, furnishes abundant material for illustrating the various operations of gynæcology before the whole class.

This department is under the management of Professor Opie.

### OBSTETRIC CLINIC.

In addition to attendance upon labor cases both in and out of the Lying-in Asylum, practical instruction will be given once a week to ward classes in the Lying-in Asylum, affording the student an excellent opportunity of becoming personally familiar by his own experience with the various methods of *external* physical examination of the pregnant woman (inspection, palpation, auscultation, mensuration), and also with the management of the puerperal period and the care of the new-born. Once a week a demonstration will also be given to ward classes at the College in operative obstetrics, and every member of the graduating class will be taught and required to perform the various conservative obstetrical

operations (forceps, versions, extractions), under the personal supervision of Professor Neale and his assistants.

### *OPERATIVE SURGERY.*

This course will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of Genito-Urinary diseases will be treated from both the clinical and didactic standpoint; and, in addition to this, lectures upon Clinical Surgery will be delivered by Professors Bevan and Chambers. All operations are performed in the presence of the class.

Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations, and compounding medicines—lessons of incalculable value, especially to those who intend to practice medicine in the country.

### *PRACTICAL ANATOMY.*

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical and be done in the dissecting rooms. These latter are open daily during the winter and spring sessions, under the direction of the Professor and Demonstrators of Anatomy. Special instruction is given in Osteology, and a skeleton is provided for each student. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions.

## *LABORATORY INSTRUCTION.*

Commodious, well-lighted and fully-equipped Laboratories have been constructed in the new college building, and the following practical courses will be given:

### *PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.*

The course will comprise experimental study of the circulation, digestion, respiration, and the nervous system. Students will be taught the use of the microscope, and the mode of cutting, staining and mounting sections of normal tissues. A number of carefully prepared sections of all the normal tissues will be shown each class and each student will receive personal instruction from the Professor and Demonstrator.

Special facilities will be afforded students who desire to do advanced work in this department.

### *PATHOLOGICAL LABORATORY.*

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits, and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the Laboratory is constantly open for any students who wish to do special work.

### *CHEMICAL LABORATORY.*

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrator. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new Laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

### *CLINICAL INSTRUCTION.*

Few institutions in this country can offer greater clinical facilities than the College of Physicians and Surgeons. It has been the constant aim of the Faculty to increase and utilize the clinical material for teaching purposes, believing that this method of practical instruction is the best preparation for practical work. The following Hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves.

### *THE BALTIMORE CITY HOSPITAL.*

This Hospital is under the exclusive medical control of the College of Physicians and Surgeons.

It was erected in 1891, on a lot adjoining the College Building.

There are seventy admirably equipped private rooms in this institution, and a private ward for white females.

The three public wards occupy the entire west wing of the Hospital, and are separated from the east wing,

which is exclusively for private patients, by a capacious open court. Each of the public wards has dimensions of 76x27 feet. They are admirably lighted and ventilated. Situated adjoining the College Amphitheatre, a great variety of medical and surgical cases can be readily brought before the classes for clinical illustration.

The central location of such a hospital, in a city of half a million people, has met a public demand. Its construction is of the most modern character and has secured for it the credit of having the most complete system of sanitation.

It is one of the most home-like and attractive hospitals for the treatment of invalids from a distance that can be found anywhere.

The department of Diseases of Women has, since the erection of the "Annex," been transferred to this building. Handsome and suitable apartments and thoroughly equipped operating rooms have been provided for the accommodation and treatment of such private patients.

The fact that the Baltimore City Hospital is under the management of the Sisters of Mercy is a guarantee that it is kept in excellent order and that everything is done to promote the comfort and welfare of its inmates.

### *THE HOSPITAL FOR THE COLORED RACE.*

This handsome and new structure, which has a capacity of 100 beds, is located on the west side of and connected with the Baltimore City Hospital.

This is the first hospital which has ever been erected in the State of Maryland for the colored race.

This humane and noble undertaking has already proved a success.

The College of Physicians and Surgeons has exclusive medical control over this hospital.

## *THE MARYLAND LYING-IN ASYLUM.*

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, one of the first in the country. It is located at 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes' walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetrical clinic in connection with the College has introduced a much-needed reform in the system of Medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in midwifery, and in none is there greater responsibility.

This institution enables the Professor of Obstetrics and his assistants to teach this branch in accordance with the practical methods adopted by European schools. Members of the Graduating Class, after leaving name and address with the Resident Physican at the Lying-in Asylum, will be summoned to the clinic upon the occurrence of a labor case, by prompt messenger service. Students are carefully instructed in the various methods of physical exploration, the management of labor, puerperium, etc., under the strictest antiseptic precautions, and have frequent opportunities of witnessing the obstet-

rical operations performed on the patients. Attendance on these clinical demonstrations is obligatory.

An outdoor department has been established, which will largely extend the facilities for practical instruction in obstetrics. Advanced students will be given special charge of cases, under the personal supervision of the Chief of the Outdoor Department.

### *BAY VIEW HOSPITAL.*

Bay View is situated in the eastern suburbs of Baltimore, and contains 2000 beds, inclusive of the depart- for the insane.

Regular clinics are given during the winter and spring sessions by the visiting staff. The amphitheatres are well lighted and comfortable, and the very large amount of material affords unusual opportunities for practical teaching.

### *CITY HOSPITAL DISPENSARY.*

The Dispensary Rooms, occupying the ground floor of the new College Building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting room constructed. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by the fact that the number of patients was over 35,000 during the year ending April 30, 1893.

### *NURSERY AND CHILD'S HOSPITAL.*

Professors Latimer, Bevan, Friedenwald and Branham constitute the staff of this institution, and students

have an opportunity of studying, under most favorable circumstances, the diseases of children.

### *ST. JOSEPH'S GENERAL HOSPITAL.*

The College of Physicians and Surgeons is represented in this important Hospital by Professors Chambers and Neale.

### *HEBREW HOSPITAL.*

Professors Friedenwald, Chambers, Opie and Preston are upon the staff of this institution.

### *MARYLAND HOSPITAL FOR THE INSANE.*

Professor Rohé is Medical Superintendent and gives instruction to ward classes at this institution.

### *SCHEDULE OF LECTURES, DEMONSTRATIONS AND CLINICS.*

#### 1ST YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Anatomy | Lectures, | 3 hours | per | week. | |
| Physiology | " | 3 | " | " | " |
| Chemistry | " | 2 | " | " | " |
| Materia Medica and Therapeutics | " | 2 | " | " | " |
| Histology | " | 1 hour | | " | " |
| Osteology | " | 1 | " | " | " |
| Pathology and Legal Medicine | " | 2 hours | | " | " |
| Hygiene | " | 1 hour | | " | " |
| Pharmacy | " | 1 | " | " | " |
| Dissecting | Daily by Sections. | | | | |
| Chemical Laboratory | 6 hours per week by sections. | | | | |
| Physiological Laboratory | 6 | " | " | " | " |
| Pathological Laboratory | 6 | " | " | " | " |

#### 2D YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Anatomy | Lectures, | 3 hours | per | week. | |
| Physiology | " | 3 | " | " | " |
| Chemistry | " | 2 | " | " | " |
| Therapeutics | " | 2 | " | " | " |
| Pathology and Legal Medicine | " | 2 | " | " | " |
| Hygiene and Mental Diseases | " | 1 hour | | " | " |

| | | | | | |
|---|---|---|---|---|---|
| Principles and Prac. of Med..... | Lectures, | 2 | hours | per | week. |
| Principles and Prac. of Surg..... | " | 3 | " | " | " |
| Obstetrics..... | " | 2 | " | " | " |
| Diseases of Eye and Ear..... | " | 2 | " | " | " |
| Gynæcology ..... | " | 1 | hour | " | " |
| Operative Surgery..... | " | 1 | " | " | " |

3D YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Principles and Prac. of Med..... | Lectures, | 2 | hours | per | week. |
| Principles and prac. of Surg..... | " | 3 | " | " | " |
| Mental Diseases..... | " | 1 | hour | " | " |
| Obstetrics ..... | " | 2 | hours | " | " |
| Gynæcology ..... | " | 1 | hour | " | " |
| Diseases of Eye and Ear..... | " | 2 | hours | " | " |
| Operative Obstetrics..... | " | 2 | " | " | " |

CLINICS.

| | | | | | |
|---|---|---|---|---|---|
| Surgery..... | Clinic, | 2 | hours | per | week. |
| Practice of Medicine..... | " | 1 | hour | " | " |
| Gynæcology..... | " | 1 | " | " | " |
| Diseases of Eye and Ear..... | " | 1 | " | " | " |
| Nervous Diseases..... | " | 1 | " | " | " |
| Nose, Throat and Chest..... | " | 1 | " | " | " |
| Dermatology..... | " | 1 | " | " | " |
| Diseases of Children..... | " | 1 | " | " | " |

WARD CLASSES.

(For graduating class only.)

Surgery, Practice of Medicine, Genito-Urinary Surgery, Gynæcology, Eye and Ear, Obstetrics, Nose, Throat and Chest, one hour per week by sections.

*EXAMINATIONS.*

First Session.—Osteology, Histology, Materia Medica, Inorganic Chemistry.

Second Session.—Anatomy, Physiology, Organic and Physiological Chemistry, Therapeutics, Medical and Surgical Pathology.

Third Session.—Practice of Medicine, Surgery, Obstetrics, Gynæcology, Diseases of the Eye and Ear, Nervous Diseases, Hygiene and Dermatology.

## *TEXT-BOOKS.*

(*The first-named book in each branch is preferred.*)

SURGERY.—American Text-book of Surgery, Moullin's Treatise on Surgery, Treeve's Op. Surg., Smith's Operative Surgery, Jacobson's Op. Surg.

PRACTICE OF MEDICINE.—Strümpell, Osler, Taylor, Bosworth and Seiler on Nose and Throat, Pepper's System, Page's Physical Diagnosis (5th edition).

OBSTETRICS.—Lusk, Pinard's Abdominal Palpation.

DISEASES OF WOMEN.—Garrigues, Thomas and Mundé.

MEDICAL JURISPRUDENCE.—Abercrombie, Taylor.

ANATOMY.—Morris, Gray, Holden's Osteology, Sharpe and Quain's Osteology.

MATERIA MEDICA.—Wood's Therapeutics.

PHYSIOLOGY.—Kirkes, Landois and Stirling, Foster. Piersoll's Histology, Schäfer's Histology.

CHEMISTRY AND TOXICOLOGY.—Simon, Charles, Curtman, Remsen.

DISEASES OF THE EYE AND EAR.—Swanzy on the Eye, Fuchs on the Eye, Noyes on the Eye, Buck on the Ear.

SKIN DISEASES.—Rohé and Lord, Hardaway.

DISEASES OF CHILDREN.—Smith.

NERVOUS DISEASES.—Dana, Gray, Gowers, Hirt.

MENTAL DISEASES.—Savage on Insanity.

GENITO-URINARY DISEASES.—Van Buren and Keyes, Bumstead and Taylor on Venereal Diseases.

ELECTRICITY.—Liebig and Rohé on Medical Electricity.

HYGIENE.—Rohé's Text-book of Hygiene.

PATHOLOGY.—Green, Delafield and Prudden, Ziegler. *Principles of Bacteriology*,—Abbott. *Bacteriology*—Frankel. *Post-mortem Technique*—Hebtoen. *Medical Jurisprudence*—Taylor, Reese.

## *DEPARTMENT OF DENTISTRY.*

The College of Physicians and Surgeons has entered into arrangements with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## MATRICULATION.

Hereafter a preliminary entrance examination will be required, in accordance with the rules adopted by the Association of American Medical Colleges, as follows:

1st. By writing legibly and correctly an English composition of not less than two hundred words.

2d. By the translation of easy Latin prose.

3d. By passing an examination in the elements of algebra or higher arithmetic.

4th. By passing an examination in elementary physics.

It is provided, however, that students, matriculates or graduates of reputable Colleges of Literature, Science and the Arts, or graduates of High Schools of the first grade, or Normal Schools, directly supported by the State, shall be exempt from the provisions of this examination.

It is furthermore provided that students passing the entrance examination as provided by the statute of the State of New York, be exempt from the provisions of this examination.

It is furthermore provided that students conditioned or unabled to undergo the examination in Latin, as herein provided, shall be afforded a course of instruction during the Freshman year in the elements of the Latin language; said course to afford a knowledge, so far as practicable, of the derivation of medical terms and medical and pharmaceutical terminology.

It is suggested that the work of Robinson on the derivation of medical terms, be recommended as a suitable text-book for instruction and reference on medical derivation and terminology.

It is furthermore provided that before entering upon the Junior year studies, students shall be required to pass a satisfactory examination on the above branches.

### *STUDENTS FROM OTHER SCHOOLS.*

Students who have attended one course of Lectures in a reputable Medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our graduating class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previously, must be taken with our second year students at the close of the session.

All students must take in full the branches of the third year.

### *GRADUATION.*

The candidates for the degree of Doctor of Medicine must have attended three full (graded) courses of lectures, the last one in this school. He must be 21 years of age, of good moral character, and passed satisfactory examinations before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

### *COLLEGE PRIZES.*

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal— is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the student who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

## *HOSPITAL APPOINTMENTS.*

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz., four at the City Hospital, two at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivalled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician to Bay View, with a salary of five hundred dollars with board and lodging, also an assistant resident physician.

## *RESIDENT STUDENTS.*

Arrangements have been made for twenty students, who will have all the practical advanvages of The Baltimore City Hospital at a cost of $25 for a term of 6 months. They have the privilege of accompanying the Professor and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required. The Janitor will assist them in procuring board and lodging in the immediate vicinity of the hospital.

The Faculty has the appointment of a number of resident graduate students to Bay View Asylum. These residents pay $25 per month, which includes all expenses,

and have all the advantages afforded by this great charity hospital.

## *ADVANTAGES OF LOCATION.*

Baltimore having a population of 500,000, affords its medical schools the greatest abundance and every variety of clinical material. Its exemption from epidemics, the salubrity of its climate, the easy preservation of subjects for dissection, the cheapness of living, its accessibility, the genial hospitality of its citizens, all combine to make it the great medical center of the country. Students who may desire to pursue their studies here will find themselves surrounded by all that is calculated to please, improve and interest them.

## *COLLEGE FEES.*

The total charge for the Winter Session is $100.

Tickets for one or more of the branches may be taken out separately.

The Graduation fee is $30, and must be paid on or before January 1, 1895.

## *POST-GRADUATE FEES.*

Graduates of other Colleges pay $60 for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required for graduation.

Good board can be had at $3.50 per week. We believe that in no other large city in the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's Office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information, address

PROFESSOR THOMAS OPIE, M. D., DEAN,

*College of Physicians and Surgeons,*

BALTIMORE, MD.

# CLASS OF 1893-94.

## CLASSIFIED BY STATES.

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### *ALABAMA.*

*Name.* *Preceptor.*

Baldwin, J. C. (2)* .....Dr. H. M. Hunter.
Chandler, C. F. (1) .....B. C. D. S.
Milford, H. A. (1) ..... ..... C. P. & S.
Nance, J. W. (3) .....C. P. & S.
Rousseau, J. B. (2).....B. C. D. S.
Swan, Ed. (2).....Dr. D. O. Moseley.

### *ARKANSAS.*

Ketcham, F. I. (2).....Dr. J. G. Eberle.

### *CALIFORNIA.*

Saxby, J. B. (1).....Dr. Stavre.

### *CONNECTICUT.*

Avis, W. R. (3).....Yale Med. School.
Boucher, J. B. (3).....Dr. J. J. Smith.
Boucher, R. P. (1).....C. P. & S.
Browne, G. C. (1)..... Dr. J. Weldon.
Clark, G. S. (1).....Dr. D. C. Card.
Carr, B. J. (2).....Dr. G. C. Bailey.
Cronan, S. P. (2).....Dr. C. E. Gates.
Donohue, J. J. (1).....Dr. P. H. Harriman.
Elmer, E. O. (3) ... .....Dr. G. R. Miller.
Fitch, E. P. (1).....Dr. C. H. Morris.
Gleason, D. A. (1).....Dr. W. J. Coyle.
Knapp, W. A. (1) .....Dr. F. A. Warnes.
Lynch, W. J. (3).....Dr. D. I. Sullivan.
Morrison, T. E. (3).....Dr. O. C. Smith.
McCarthy, J. J. (1) .....Dr. W. J. Delaney.
Oates, W. M. (3) .....Dr. W. J. Coyle.
Peabody, R. S. (1)..... .....B. C. D. S.
Rouse, H. E. (1).....Dr. E. H. Davis.
Stanton, T. F. (1).....Dr. W. J. O'Hara.
Williams, Pearl (1) .....Dr. F. D. Sanger.
Ward, J. W. (2) ..... Dr. E. L. Pratt.
Walsh, J. G. (3).....Dr. Edgerton.

### *DELAWARE.*

*Name.* *Preceptor.*

Bastian, J. W. (1). .....Dr. J. A. Klump.
Palmer, F. R. (1) ..... Dr. D. D. Palmer.
Virdin, Frank (3).....Dr. D. I. McColley.

### *DISTRICT OF COLUMBIA.*

Boyd, G. W. (2).....C. P. & S.

### *FLORIDA.*

Colson, J. H. (1)..... Dr. J. C. Wills.
Earle, R. D. (2).....Atlanta Med. College.
Frink, C. H. (2)..... Dr. L. M. Frink.
Haddock, W. H. (1).....Dr. C. Joyres.
Peck, L. A. (1).....Dr. P. A. McIntosh.
Stephens, Winston (3).....B. C. D. S.

### *GEORGIA.*

Boring, H. M. (3).....Dr. Rose.
Bass, C. E. (1).....Dr. S. D. Smith.
Collins, E. J. (3).....B. C. D. S.
Lanier, J. D. (2).....Dr. Jowell.
Peacock, J. B. (2).....Dr. A. J. Yearty.
Rush, G. W. (3).....Dr. H. M. Branham.
Youmans, C. L. (1).....Dr. P. H. Carnas.

### *GERMANY.*

Hafke, Alfred (3) ..... ....Univ. Breslau.
Holper, Herman (2).....Happen.

### *HAWAIIAN ISLANDS.*

Wall, Alfred C. (1).....A. & L.

### *ILLINOIS.*

D. (2).... .....Dr. I. W. Fink.

### *INDIANA.*

Hudelson, L. R. (1).....Dr. Blair.

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*(1) *1st Course*, (2) *2d Course*, (3) *3d Course*.

*KANSAS.*

*Name.* *Preceptor.*

Boaz, N. T. (2).....Dr. Gardner.

*LOUISIANA.*

Adams, M. H. (2).....B. C. D. S.

*MAINE.*

Blagden, C. W. (3).....Dr. D. W. Bunker.
Jones, F. E. (1).....Dr. A. M. Burton.
Moulton, B. M. (3).....Dr. J. C. Sawyer.
Raynos, M. B. (2).....Dr. Cawles.
Trefethen, W. J. (3).....Dr. W. A. Wright.

*MARYLAND.*

Brack, C. E., Jr.,(2).Dr. W. R. Steinmetz.
Briscoe, John (3).....Dr. U. B. Bryan.
Beach, I. J. (3).....Dr. R. B. Winder.
Coggins, J. C. (1).....Dr. G. A. Hartman.
Carroll, C. R. (3)..... .....C. P. & S.
Conway, J. H. (3).. ....Dr. J. B. Saunders.
Councell, T. A. (3).....Dr. Edwin Geer.
Canby, C. B. (1).....Dr. C. H. Jones.
Cohen, Hynean (1).....Dr. G. T. Atkinson.
Conroy, T. L., M. D.....C. P. & S.
Corse, R. L. (3).....Dr. D. S. Norris.
Carter, C. H. (3)..... Dr. W. D. Burton.
Coale, A. D. (1).....B. C. D. S.
Day, G. E., (3)..... Dr. S. T. Day.
Dougherty, J. F. (2)...Dr. R. W. Dashiell.
Duvall, J. M. (3).....C. P. & S.
Dickinson, C. J. (3).....C. P. & S.
Eavey, H. R. (3).....B. C. D. S.
Esslinger, E. C (1).....C. P. & S.
Goodman, B. A. (1).....Dr. Edwin Geer.
Galloway, G. F. (3).....C. P. & S.
Golley, J. E. (1).....C. P. & S.
Goodrich, H. E. (1)..... C. P. & S.
Gross, Harry (1) .....Dr. C. F. Maguire.
Gundry, A. T. (3) .....Dr. R. F. Gundry.
Hawkins, Arthur (2).Dr. P. W. Hawkins.
Hoffmeister, Ed. (3).....B. C. D. S.
Kemp, C. P. (2).....C. P. & S.
Kornman, L. F. (2).....Dr. Wm. Simon.
King, J. O. (2).....Dr. L. M. Tippett.
Leitch, J. W. (1).....Dr. E. Paddy.
Lutz, J. F. (3)..... Dr. G. A. Hartman.
Mitchell, J. W. (3).....C. P. & S.
Murray, R. J. (2).....Dr. A. T. Gage.
Mudd, T. D. (3).....Dr. L. C. Corrico.
Morfit, J. C. (2).....Dr. C. M. Morfit.
McGlannan, A. W., Jr. (2).....C. P. & S.

*Name.* *Preceptor.*

McShane R. I. (3).....Dr. J. F. McShane.
Nichols S. A. (1).....Dr. J M B Rogers.
Nicholas, R. C. (2).....Dr. Teakle.
Neal, J. P. (2).....Dr. L. A. Griffith.
Orr, H. M. (2) ..... Dr. S. A. Boucher.
Opie, Eugene (2).....Dr. Thos. Opie.
Owens, H. K. (2).....Dr Z. T. Kalbaugh.
Prichard, H. J. (3) .....Dr. J. E. Prichard.
Resh, D. M. (3)..... .....C. P. & S.
Rees D. T. (3)..... .....Dr. A. L. Porter.
Reid, C. E. (2) .....C. P. & S.
Russell, E. J. (1).....Dr. J. H Branham.
Savage, Moses (2) .....Dr. A. Friedenwald.
Sellman, J. P., Jr. (1).....Dr. A. G. Harley.
Smith, A. W. (2).....Dr. W. L. Smith.
Savin, T. L. (1).....Dr. Edwin Geer.
Szuwalski, S. J. (3).....Dr. J. H. Branham.
Sands, G. M. (1).....Dr. L. F. Aukrim.
Sponseller, E. D. W. (3)....Dr S. S. Ulrich.
Sansbury, J. E. (2) .....Dr. D. H. Fuller.
Thieme, G. C. (1) .....Dr. Bressler.
Twilley, C. R. (3) .....B. C. D. S.
Vogel, C. W. (2) .....C. P. & S.
Wagner, F. E. (3).....Dr. C. H. Jones.
Walsh, J. F. (1) .....B. C. D. S.
White, Howard (2).....B. C. D. S.
White, J. M. (1) ..... Dr. J. H. Stonestreet.

*MASSACHUSETTS.*

Andrews, Oren (2) .....Dr. D. S. Ellis.
Connor, C. B. (2) .....Dr. E. A. Chase.
Chapin, C. S. (1). .....Dr. W. J. Botton.
Fullerton, W. W. (2). Dr. G. E. Freeman.
Huard, J. E. (1).....Dr. R. W. Jackson.
Hubbard, G. W. (3)..... .....Dr. J. M. Fay.
Huard, J. B., Jr. (1).....Dr. J. A. Barre.
Ivers, Richard (1).....Dr. J. L. Ryan.
Kennedy, E. A. (1).....Dr. D. H. Sullivan.
Kittridge, J. T. (1) .....Dr. J. L. Ryan.
Leary, J. E. (3).....Dr. F. C. Plunkett.
Leonard, W. J. (1) .....Dr. F. C. Plunkett.
Laboute, L. D. (3).....Dr. R. W. Pinney.
Normand, J. N. (1).....Dr. J. B. Chagnon.
O'Connor, J. F. (1).....Dr. W. Jacques.
Purdum, C. C. (1)..... Dr. J. N. Watson.
Stetson, H. G. (1) ..... C. P. & S.
St. George, A. (2).....Dr. J. B. Chagnon.
Simpson, W. H. (2).....B. C. D. S.

*MICHIGAN.*

Foster, S. B. (1).....B. C. D. S.

### MINNESOTA.

*Name.* *Preceptor.*

Ayars, E. W. (2) ..... Dr. Mark Sheppard.

### MISSISSIPPI.

Askew, J. B., Jr. (1). .... .....B. C. D. S.
Davis, W. P. (3).....D. D. O. U.
Kethley, C. W. (1), Drs. Jones & Dampur.
Lyle, J. W. W. (1).....B. C. D. S.
Talbot, W. O. (1).....Dr. G. A. McIlhenny.
Ward, B. N. (2).....Dr. B. N. Ward, Sr.

### NEW BRUNSWICK.

Allen, D. E. (2).....C. P. & S.
Clark, A. W. (2) .....Dr. A. F. Emery.
Murray, H. W. (1).....Dr. C. A. Murray.

### NEW HAMPSHIRE.

Warren, C. B. (3) .....Dart. College.
Whitcomb, C. S. F. (2), Dr. G. H. Sanborn.

### NEW JERSEY.

Coghlan, John (1).....Dr. A. McBride.
Donnelly, R. J. (1).....Dr. H. V. Wendell.
Davis, H. V. (3).....Dr. A. L. Stilwell.
Dunlap, John (1).....Dr. L. Van Aulsen.
Douglas, J. S. (1).....Dr. Julius Way.
Emerson, H. S (3).....Dr. T. L. Paton.
Fallon, C. H. (1). .....Dr. Edwin Fischer.
Hunter, H. C. (1) .....B. C. D. S.
Hankins, Howard (1).....Dr. Wm. Newill.
Haggerty, J. D. (1) ..... Dr. H. I. Benmer.
Kennard, G. H. (2).....C. P. & S.
McCallion, G. W. (1).....Dr. I. W. Kirk.
Pierson, T. A. (3) .....Dr. W. T. Houston.
Robinson, J. C. (3).....Dr. C. E. Greene.
Ten Eyck, J. D. (2) .....Dr. A. L. Stilwell.
Vaughan, Harry (2).....Dr. O. N. Bergle.

### NEW YORK.

Andrews, J. E. (3)...Dr. L. P. Greenwood.
Bowerman, E. A. (2) ... Dr. F. D, Andrew.
Bailey, J. A. (2).....Dr. G. A. Stirling.
Bartlett, F. D. (2)...Dr. J. M. Slingorland.
Brown, C. M. (1).....Dr. G. H. Peddle.
Bryant, F. G. (2).....Dr. W. A. White.
Brown, R. H. (3).....Dr. A. Brown.
Burton, E. N. (2) ..... .....B. C. D. S.
Boyd, H. J. (2).....B. C. D. S.
Bromberg, B. B. (2).....Dr. F. Evernfield.
Clapper, W. B. (3),....Syracuse Med. Coll.
Carpenter, E. H. (3). Syracuse Med. Coll.

*Name.* *Preceptor.*

Cudworth, L. M. (2).....Dr. D. A. Gleason.
Day, F. C. (1) ..... .....B. C. D. S.
Dezell, F. B. (2).....Dr. L. Huyck.
Donnelly, T. J. (3).....Dr. J. R. Straw.
Fitzpatrick, J. B. (3).....C. P. & S.
Frame, H. J. (1) .....Dr. Frame.
Flannery, P. J. (3).....Dr. W. H Olmstead.
Galvin, J. E. (3).....Dr. T. W. Slocum.
Hubbell, G. L. (3) .....Dr. T. Wight.
Hadley, F. A. (2).....Dr. G. E. Sylvester.
Hotaling, A. S. (3) .....Dr. E. E. McClary.
Hoffman, E. A. (1) .....Dr. E. H. Howard.
Hartson, J. A. (3).....Dr. T. H. Cox.
Huyck, E. B. (3) .....Dr. L. Huyck.
Hill, F. W. (3) .....Dr. W. Ullman.
Knapp, H. C. (1).....Dr. T. E. Quinby.
Loper, A. C. (1).....C. P. & S.
Lane, W. F. (1).....Dr. F. Reynold.
Moloney, R. B. (1).....Dr. Moloney.
Moyer, C. W. (2).....Dr. F. B. Dodge.
Miller, J. L. (3d).....Dr. A. T. Mills.
Norris, C. E. (1).....Dr. J. P. Brown.
Prentess, C. C. (1). .....Dr. Pomeroy.
Potter, H. N. (3).....Dr. Vincent.
Palmer, C. A. (2) .....Dr. A. W. Mitchell.
Scudder, C. T. (2).....Dr. J. J. Keator.
Shumway, J. N. (2) .....Dr. A. C. Axtell.
Shumway, R. B. (2) ..... ....Dr. Hubbs.
Stilson, J. M. (2). .....Dr. L. Huyck.
Safford, J. E. (2).....C. P. & S.
Taylor, F. F. (3) .....Dr. W. C. Smith.
White, Everett (1).....Dr. A. P. White.
White, H. E. (2). .....Dr. C. O. Jackson.
Weiskotten, R. H. (2).....B. C. D. S.

### NORTH CAROLINA.

Baum, J. C. (3).....C. P. & S.
Burt, S. P. (1).....Dr. J. R. White.
Black, T. E. (3).....B. C. D. S.
Burton, E. A. (1).....B. C. D. S.
Church, R. L. (1).....Dr. N. P. Horton.
Cunningham, Alex. (3).....Univ. of Va.
Capps, C. P. (1).....Dr. R. S. Martin.
Davis, A. P. (2).....Dr. A. Y. Linville.
Davis, I. H. (1).....B. C. D. S.
Fearing, Isaiah (1)....Dr. R. N. Cartright.
Griffin, C. F., M. D.....C. P. & S.
Hood, G. A. (2).....Univ. of N. C.
Hammack, J. C. (2).....Dr. E. Fulp.
Harbin, J. W. (3).....B. C. D. S.
Hartzell, W. K. (3).....Dr. Jos. Brank.

*Name.* *Preceptor.*

Hamrick, T. G. (2).....Dr. T. B. Lovelace.
Jones, Elmer (1).....Dr. J. O. Wilcox.
Koonce, S. E. (1).....Dr. R. A. Whitaker.
Kenan, O. H. (2).....Dr. Edwin Geer.
King, M. D. (1).....Dr. R. B. Winder.
Kelsey, H. E. (1).....B. C. D. S.
Long, W. F. (3).....Dr. J. O. Wilcox.
Lawrence, W. H. (1).....Dr. J. O. Wilcox.
Mann, S. M. (2).....Dr. R. N. Cartright.
Morton, J. C. (1).....Dr. S. T. Nicholson.
Mizell, W. G. (3).....B. C. D. S.
McLaughlin, C. S. (1).....C. P. & S.
Price, J. H. (3).....Univ. of N. C.
Ray, D. S. (3).....B. C. D. S.
Rodwell, J. W. (2).....Dr. M. P. Perry.
Rierson, H. E. (3).....B. C. D. S.
Swann, J. F. (1).....Dr. J. E. McLaughlin.
Sawyer, C. J. (2).....Dr. Shertzer.
Staton, Frank (1).....B. C. D. S.
Turlington, W. T. (3).....Univ. of N. C.
Thompson, C. A. (1).....B. C. D. S.
Taylor, C. M. F. (1).....Dr. J. S. Spurgeon.

*NORTH DAKOTA.*

Lockwood, M. M. (1).....Dr. C. B. Harris.

*NOVA SCOTIA.*

Adlington, Stephen (2). ....Dr. Adlington.
Barton, W. J. (2).....Halifax Med. Coll.
Beaton, A. E. (1).....Dr. R. C. McLeod.
Coops, F. H. (1).....Dr. G. R. Smith.
Chisholm, A. W. (3) Dr. A. W. McLennan.
Ford, F. S. L. (3).....Dr. G. R. Smith.
Hemson, F. C. (1).....Dr. E. W. Dwight.
Hawkesworth, F. E. (3).....B. C. D. S.
MacDonald, D. F. (3).....Dr. MacDonald.
MacDonald, A. W. (1)...Dr. G. A. Taylor.
Morris, L. H. (2).....Halifax Med Coll.
Rockwell, Lee (2).....Dr. I. N. Fitch.
Schaffner, A. A. (3).....C. P. & S.
Smith, O. V. (2).....Dr. J. P. Smith.
Smith, A. L. (1).....Dr. J. A. Arbuckel.
Wallace, J. I. (2).....Acadia College.

*OHIO.*

Allen, A. B. (2).....Dr. A. J. Crawford.
Berndt, D. A. (1)...Dr. J. N. W. Crawford.
Badgley, Ray (1).....B. C. D. S.
Craig, LeRoy (2).....Dr. D. H. Rowe.
Cotton, Albertus (1).....Dr. B. C. Vorhes.
Campbell, R. A. (3).....Dr. J. A. McGrew.

*Name.* *Preceptor.*

Curfman, C. V. (1).....Dr. A. J. Crawford.
Elder, W. E. (2).....Dr. H. W. Holmes.
Finch, J. H. (2).....Dr. W. S. Gardner.
Hutcheson, F. K. (4), Dr. W. S. McFarland.
Haning, H. C. (3).....Dr. B. C. Vorhes.
Hunter, J. S. (3) .....Dr. E. O. S. Brown.
Hartinger, D. B. (3)...Dr. D. S. Hartinger.
Miller, E. A. (3).....C. P. & S. (N. Y.).
Marcy, A. M. (2) .....B. C. D. S.
Pickett, J. C. (1) .....Dr. Primrose.
Ruhräh, John (3) .....Dr. G. M. Linthicum.
Scott, W. S. (2) .....Dr. D. H. Scott.
Sexauer, C. F., M. D., Med. Dept. W. R. U.
Taylor, R. L. (2).....Dr. M. J. Ewing.
White, U. P. (3).....Dr. Primrose.

*ONTARIO.*

Clune, W. M. (1).....Dr. P. J. Clune.
Crossett, A. T. (1) .....Dr. Holdcraft.
Kennedy, G. E. (1)...Ontario Coll. Pharm.
Nesbitt, F. L. (3).....Dr. J. R. Walker.
Rolston, W. J. (1) .....B. C. D. S.

*OREGON.*

Reavis, L. D. (2).....B. C. D. S.

*PENNSYLVANIA.*

Andzulatis, J. J. (3) .....Dr. J. G. Lupas.
Arnold, J. S. (1).....Dr. J. O. Nipple.
Appleby, A. G. (2).....D. J. Appleby.
Aber, A. H. (1).....J. F. McGrew.
Beck, H. G. (1).....Dr. R. E. L. Hall.
Blankenbuehler, J. H. (2) ... J. F. McGrew.
Bruner, H. B. (2).....Dr. Y. R. Faust.
Broad, J. G. (1).....B. C. D. S.
Baker, E. R (1) .....B. C. D. S.
Baxter, N. D. (2).....B. C. D. S.
Bupp, E. H. (3).....Dr. A. N. Falkenstein.
Butler, E. J., M. D.....C. P. & S.
Cook, W. J. (2).....Dr. H. H. Foringer.
Cooper, N. J. (3).....Dr. S. M. Free.
Coe, B. F. (2).....Dr. J. F. Fleming.
Dandois, G. F. (1).....Dr. C. B. Bastian.
Dale, W. H. (2).....Dr. C. D. Wood.
Dann, S. A. (1).....Dr. D. D. Palmer.
Foringer, H. S. (1).....Dr. H. H. Foringer.
Finley, F. H. (2).....Dr. J. F. McGrew.
Gearhart, S. C. (2).....Dr. G. W. Lupfer.
Gregory, Samuel (1).....Dr. G. W. Lupfer.
Holdsworth, J. C. (1).....Dr. C. W. Spayd.
Humphreys, Frank (2)...Dr. W. C. Quinn.

*Name.* *Preceptor.*

Humphreys, George (1)..Dr. W. C. Quinn.
Humphrey, T. S. (1).Dr. W. J. Humphrey.
Harper, F. W. (1).....Dr. C. B. Bastian.
Hildebrand, R. A. (2).....Dr. Hildebrand.
Hoffman, Ed. (1).... .....Dr. O. L. Muffly.
Johnston, R. E. (3).....Dr. G. G. Graham.
Johnston, J. M. (1).....Dr. G. W. Lupfer.
Jackson, Robt. (2).....Dr. F. B. Read.
Klesa, W. A. (1).....Dr. E. H. Ashcroft.
Kidder, L. E. (2).....Dr. G. W. Lupfer.
Kisner, A. O. (1).....Dr. O. L. Muffly.
Lamb, T. J. (1).....Dr. E. J. Butler.
Lewis, C. B. (1).....Dr. Miller.
Laciar, C. W. (3).....Dr. H. J. Laciar.
Lowe, T. S. (1)..... .....Dr. T. S. Latimer.
Milnor, S. H. (1).....Dr. M. T. Milnor.
Madara, J. C. (1).....Dr. R. A. Plank.
Morgan, Owen (2).....B. C. D. S.
McKinley, A. O. (3).....Dr. A. F. Speicher.
McIlvaine, E. S. (1).....B. C. D. S.
McHenry, R. J. (3).....C. P. & S.
Newth, J. H. (1). .....Dr. E. J. Butler.
Nolan, J. J. M. (3).....Dr. J. W. Bealor.
O'Connor, W. F. (1)...Dr. D. C. Galbraith.
Pouct, G. A. (2) .....Dr. A. H. Harriman.
Quinn, W. L. (1) .....Dr. G. W. Lupfer.
Rebuck, Charles (1) ...Dr. C. E. L. Keene.
Ritter, H. M. (2).....Dr. G. M. Cnmmings.
Roneche, W. H. (2) .....C. P. & S.
Rice, A. C. (1).....Dr. G. L. Rice.
Roland, W. R. (2).....B. C. D. S.
Rink, I. C. (2).....Dr. H. S. Keepers.
Shatto, A. B. (2).....Dr. A. T. Grove.
Stubb, A. H. (1).....Dr. J. W. Hoyston.
Solt, W. J. (1).....Dr. C. F. Horn.
Schaefer, J. E. (1) ..... Dr. W. F. Kunkle.
Shirey, B. W. (2)... .....Dr. J. H. Gerry.
Summerville, E. M. (2).....B. C. D. S.
Smith, B. M. (2).....B. C. D. S.
Varney, E. M. (2)..... Dr. J. T. Haines.
Vastine, J. H. (3).....Dr. J. R. Kimerer.
Wilson, H. S. (2).....Dr. A. C. Wolf.
White, I. H. (2)..... .....Dr. A. Kibbe.
Wood, E. H. (3) .....Dr. W. J. Walker.
Wolfe, I. R. (2).....Dr. W. E. Delaney.
Yagle, G. N. (2).....Dr. P. A. Lutz.
Zimmerman, Chas. (1)...Dr. G. W. Baker.

*PORTO RICO.*

Vasquez, Francisco (3) ..U. V. Med. Dept.

*RHODE ISLAND.*

*Name.* *Preceptor.*

Fortier, A. J. (3).....Dr. L. P. Barolet.
Gledhill, E. C. (1) .....Dr. L. P. Barolet.
Murray, J. T. (3).....Dr. J. F. Kerins.
McKenna, F. A. (3).....Dr. W. A. Gaylord.
O'Hara, P. F. (3).....Dr. T. J. Smith.
Riggs, Abraham (1).....Dr. Reiv.
Shea, E. F. (1).....Dr. T. H. McNally.

*SCOTLAND.*

Macjerrow, D. A. (3) ..... Dr. C. H. Jones.

*SOUTH CAROLINA.*

Russel, Ben. (1).....Dr. T. J. Weatherby.
Zemp, E. R. (3).. .....Dr. B. P. Muse.

*TENNESSEE.*

Range, R. A. (1)..... Dr. H. L. Campbell.

*TEXAS.*

Barnes, F. L. (1).....Dr. C. C. Comer.
Baker, C. C. (1).....B. C. D. S.
Cox, T. F. (2).....Dr. W. S. Merchant.
Dashiell, G. R. (2).....Dr. J. D. Bell.
Foster, W. E. (3) ..... Dr. M. S. Read.
Foster, Willett (1) Drs. Read & Robertson.
Gorman, F. O. (2).....Dr. W. S. Merchant.
Knight, Lee (2).....Dr. J. M. Woodson.
Matthews, C. O., M. D.,.....C. P. & S.
Owen, A. (3).. .....J. O. City College.
Richardson, P. C. (2).....B. C. D. S.
Walls, J. M. (1)...:.....Dr. C. O. Matthews.

*VERMONT.*

Austin, J. C. (1).....Dr. Holton.

*VIRGINIA.*

Ames, W. C. (1)..... .....B. C. D. S.
Butt, A. P. (2)..... C. P. & S.
Brown, C. E. (2).....B. C. D. S.
Carr, G. H. (1).....Dr. R. R. Robinson.
Crawford, F. H. (1), Dr. W. M. Crawford.
Dobyns, B. S. (2) .....Dr. C. M. Stigleman.
Elliott, P. B. (2)-.....Dr. C. M. Stigleman.
Foushill, A. B. (1).....B. C. D. S.
Gose, I. F. (1).....Dr. R. C. Meade.
Hunter, E. D. (3).....Dr. H. T. Hunter.
Hutchinson, Chas. (3).....B. C. D. S.
Jones, C. W. (3).....C. P. & S.
Motley, C. W. (1).....Dr. B. M. Walker.
Miller, J. M. (1).....Dr. J. M. Phipps.

*Name.* *Preceptor.*

McNeill, G. W. (1).....Dr. R. S. Martin.
Nowlin, J. B , Jr. (1).....Dr. G. M. Preston.
Peery, T. E. (2) .....Dr. J. H. Crockett.
Parkins, T. M. (3) .....C. P. & S.
Palmer, R. V. (3) .....Dr. J. H. Wolfe.
Rangely, W. W. (2) ..... Dr. R. S. Martin.
Richardson, W. B. (2)... ....Dr. J. J. Duck.
Schereschewsky, H. (2).....Dr. H. Baxley.
Stultz, P. H. (2) .....Dr. J. R. Anderson.
Stuart, George (1).....Dr. J. M. Phipps.
Sturges, W. M. (2)..... .....B. C. D. S.
Tarter, J. W. (2).....Dr. W. R. Straw.
Van Deventer, V. H. (1)..Dr. W. F. Smith.
Wenger, W. H. (1) .....Dr. Geil.
Walz, W. F. (3).....Dr. R. B. Winder.
Yeatts, W. C. (2).....Dr. J. C. Anderson.

*WEST VIRGINIA.*

Alderson, W. W. (3).....C. P. & S.
Bartlett, M. J. (2).....Dr. F. Howell.
Bond, C. C. (2) .....Dr. Huff.
Brown, J. C. (2) ..... W. Va. Univ.
Casto, T. J. (1).....Dr. W. W. Kidd.
Campbell, E. H. (3).. .....C. P. & S.
Curry, A. W. (1) ..... Dr. M. A. Gates.
Campbell, F. J. (1)..... Dr. M. Campbell.
Crane, C. C. (2).. .....Dr. M. Loomis.
Eagan, P. E. (1)... .....Dr. J. J. Goff.
Fogle, F. M. (1).....Dr. J. B. Fogle.

*Name.* *Preceptor.*

Grier, J. A. (3) .....W. Va. Univ.
Graham, J. F. (1)..... .....Dr. J. B. Shupe.
Hicks, I. C. (1) ..... Dr. A. M. Spangler.
Haynes, R. A. (1).....Dr. T. M. Hood.
Hannah, Alex. (2) .....Dr. S. O. Flower.
Hogg, Gory (2) .....Dr. Guthrie.
Huffmann, Robt. (1)..... C. P. & S.
Huffman, Cary (1). ..... C. P. & S.
Moore, J. M. (2).....Dr. L. V. Guthrie.
Morehead, R. P. (2) .....Dr. R. H. Thaw.
Monroe, R. S. (1).....Dr. Z. W. Wyatt.
McNeer, R. L. (2).....Dr. C. W. Spangler.
Perry, M. (2) .....W. Va. Univ.
Perry, E. M. (2) .....W. Va. Univ.
Rader, J. E. (3)..... Dr. D. P. Kessler.
Shirkey, C. P. (1) .....Dr. D. W. Shirkey.
Shirkey, W. F. (3) ..... .....C. P. & S.
South, R. B. (2) .....W. Va. Univ.
Sivey, W. M. (3).....W. Va. Univ.
Sycks, S. L. (1).....Dr. W. C. Dawson.
Snyder, H. H. O. (3).....Jeff. Med. College.
Thomas, D. H. (2) .... ....Dr. R. M. Hogg.
Wickline, W. A. (2) .....W. Va. Univ.
Wolf, Wm. (1).....Dr. W. R. Taylor.
Williams, G. W. (2).... ....Dr. F. L. Black.

*WISCONSIN.*

Dickinson, A. N. (1), Dr. H. W. Baldwin.

# GRADUATING CLASS OF 1894.

Alderson, W. W., W. Va.
Andrews. J. E., N. Y.
Audzulatis, J. J., Pa.
Avis, W. R., Conn.

Baum, J. C., N. C.
Beach, I. J., Md.
Bladgen, C. W., Me.
Boring, H. M., Ga.
Boucher, J. B., Conn.
Briscoe, John, Md.
Brown, R. H., N. Y.

Campbell, E. H., W. Va.
Campbell, R. A., Ohio.
Carpenter, E. H., N. Y.
Chisholm, A. W., N. S.
Clapper, W. B., N. Y.
Conway, J. H., Md.
Cooper, N. J., Pa.
Councell, T. A., Md.

Davis, H. V., N. J.
Day, G. E., Md.
Dickinson, C. J., Md.
Donnelly, T. J., N. Y.

Elmer, E. O., Conn.
Emerson, H. S., N. J.

Fitzpatrick, J. B., N. Y.
Ford, F. S. L., N. S.

Galloway, G. F., Md.
Grier, J. A., W. Va.
Gundry, A. T., Md.

Haning, H. C., Ohio.
Hartinger, D. B., Ohio.
Hartson, J. A., N. Y.
Hill, F. W., N. Y.
Hotaling, A. S., N. Y.
Hubbard, G. W., Mass.
Hubbell, G. L., N. Y.

Hunter, J. S., Ohio.
Hutcheson, F. K., Ohio.

Johnston, R. E., Pa.
Jones, C. W., Va.

Labonte, L. D., Mass.
Laciar, C. W., Pa,
Leary, J. E., Mass.
Long, W. F., N. C.
Lutz, J. F., Md.
Lynch, W. J., Conn.

Macdonald, D. F., N. S.
Macjerrow, D. A., Scotland
Miller, E. A., Ohio.
Mitchell, J. W., Md.
Morrison, T. E., Conn.
Moulton, B. M., Maine.
Mudd, T. D., Md.
McKenna, F. A., R. I.
McKinlay, A. O., Pa.

Nolan, J. J. M., Pa.

Oates, W. M., Conn.

Palmer, R. V., Va.
Parkins, T. M., Va.
Pierson, T. A., N. J.
Potter, H. N., N. Y.
Price, J. H., N. C.

Rader, J. E., W. Va.
Resh, D. M., Md.
Robinson, J. C., N. J.
Ruhräh, John, Ohio.
Rush, G. W., Ga.

Sexauer, C. F., Ohio.
Shaffner, A. A., N. S.
Shirkey, W. F., W. Va.
Sivey, W. M., W. Va.
Snyder, H. H. O., W. Va.
Sponseller, E. D. W., Md.

Entrikin Sauer.

Taylor, F. F., N. Y.
Trefethen, W. J., Maine.
Turlington, W. T., N. C.
Vastine, J. H., Pa.
Virdin, Frank, Del.
Wagner, F. E., Md.
Warren, C. B., N. H.
White, U. P., Ohio.
Wood, E. H., Pa.
Zemp, E. R., S. C.

## PRIZES AWARDED.

First College Prize, Gold Medal.....Edward H. Wood.
Second " " " " .....John B. Boucher.
Third " " " " .....Frederick S. L. Ford.
Fourth " " " " .....John Ruhräh.

## WORTHY OF HONORABLE MENTION.

James E. Leary.
Albert A. Shaffner.
Eldridge H. Campbell.
D. B. Hartinger.
Robert A. Campbell.
Chas. W Laciar.
Thomas M. Parkins.
William T. Turlington.

## SUMMARY.

| | |
|---|---|
| First Year, Graded Course | 180 |
| Second Year " " | 152 |
| Third Year " " | 124 |
| Post Graduates | 5 |
| Total | 461 |

## CLASS OF 1893–94,

### ARRANGED BY STATES AND COUNTRIES.

| *State.* | *Students.* | *Graduates.* |
|---|---|---|
| Alabama | 6 | .. |
| Arkansas | 1 | .. |
| California | 1 | .. |
| Connecticut | 22 | 6 |
| Delaware | 3 | 1 |
| District of Columbia | 1 | .. |
| Florida | 6 | .. |
| Georgia | 7 | 2 |
| Germany | 2 | .. |
| Hawaiian Islands | 1 | .. |
| Illinois | 1 | .. |
| Indiana | 1 | .. |
| Kansas | 1 | .. |
| Louisiana | 1 | .. |
| Maine | 5 | 3 |
| Maryland | 64 | 14 |
| Massachusetts | 19 | 3 |
| Michigan | 1 | .. |
| Minnesota | 1 | .. |
| Mississippi | 6 | .. |
| New Brunswick | 3 | .. |
| New Hampshire | 2 | 1 |
| New Jersey | 16 | 4 |
| New York | 46 | 12 |
| North Carolina | 37 | 4 |
| North Dakota | 1 | .. |
| Nova Scotia | 16 | 4 |
| Ohio | 21 | 9 |
| Ontario, Canada | 5 | .. |
| Oregon | 1 | .. |
| Pennsylvania | 71 | 8 |
| Porto Rico | 1 | .. |
| Rhode Island | 7 | 1 |
| Scotland | 1 | 1 |
| South Carolina | 2 | 1 |
| Tennessee | 1 | .. |
| Texas | 12 | .. |
| Vermont | 1 | .. |
| Virginia | 30 | 3 |
| West Virginia | 36 | 7 |
| Wisconsin | 1 | .. |
| Total | 461 | 84 |

# ALUMNI ASSOCIATION, COLLEGE OF PHYSICIANS AND SURGEONS.

## OFFICERS FOR 1894–95.

*President*.....H. H. LONGSDORF, M. D

*Vice-Presidents*..... { E. H. WOOD, M. D.
J. B. BOUCHER, M. D.

*Secretary*.....R. T. HARDY, M. D.

*Assistant Secretary*.....JOHN RUHRÄH, M. D.

*Treasurer*.....EDWIN GEER, M. D.

*Executive Committee*..... { GEO. THOMAS, M. D.
C. F. BLAKE, M. D.
R. T. HARDY, M. D.

*Committee on Prize Essays*..... { GEO. H. ROHÉ, M. D.
W. T. FRAMES, M. D.
B. F. NOLAND, M. D.

The objects of this Association are to advance the interests and extend the influence of the College of Physicians and Surgeons, to encourage a high standard of medical education and perpetuate college friendships.

A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

The annual prize of $100 for the best essay in 1894, was awarded to Dr. H. H. Longsdorf, of Dickinson, Pennsylvania.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '95. Due notice will be given each member.

Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually, are requested to write to the Dean.

Physicians who may obtain normal or pathological specimens of interest are requested to forward them to the college. Specimens should be labeled with the name of the donor and will be preserved in the museum.

THOMAS OPIE, M. D., DEAN.

# THE BALTIMORE COLLEGE OF DENTAL SURGERY.

CHARTERED BY THE LEGISLATURE OF MARYLAND IN 1839.

---

*THE OLDEST DENTAL COLLEGE IN THE WORLD.*

---

*FACULTY.*

RICHARD B WINDER, M. D., D. D. S., Prof. of Dental Surg. and Oper. Dentistry.
M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D. D. S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M. D., D.D. S., Prof. of Special Anatomy and Dental Materia Medica.
THOMAS S. LATIMER, M. D , Professor of Physiology.
WILLIAM SIMON, M. D., Ph. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
GEORGE H. ROHÉ, M. D., Professor of Materia Medica.

*LECTURERS.*

WM. F. SMITH, A. B., M. D., Regional Anatomy.
J. N. FARRAR, M. D, D. D. S., Irregularities.
JOHN H. MEYER, D. D. S., Continuous Gum.
DR. GEORGE EVANS, Crown and Bridge Work.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

*CLINICAL INSTRUCTORS.*

CORYDON PALMER, D. D. S., Ohio.
E. PARMLY BROWN, D. D. S., N. Y.
A. L. NORTHROP, D. D. S., N. Y.
CHAS. R. BUTLER, D. D. E., Ohio.
E. L. HUNTER, E. E. S., N. C.
W. W. WALKER, D. D. S., N. Y.
T. S. WATERS, D. D. S., Md.
DAVID GENESE, D. D. S., Md.
C. M. GIMGRICH, D. D. S., Md.
J. HALL MOORE, M. D., Va.
JOHN ALLEN, D. D. S., N. Y.
R. B. DONALDSON, D. D. S., D. C.
H. A. PARR, D. D. S., N. Y.
J. EMORY SCOTT, D. D. S., Md.
E. R. RUST, D. D. S., D. C.
C. ALEXANDER, D. D. S., N. C.

*DEMONSTRATORS.*

R. BAILY WINDER, JR., Phar. G., D. D. S., Demonstrator of Operative Dentistry.
W. G. FOSTER, D. D. S., Demonstrator of Mechanical Dentistry.

*ASSISTANT DEMONSTRATORS.*

GEORGE E. HARDY, M. D., D. D. S.
W. W. DUNBRACCO, D. D. S.
J. W. SMITH, D. D. S.
G. MARSHALL SMITH, D, D. S.
J. E. ORRISON, D. D. S.
W. S. TWILLEY, D. D. S.
J. S. SUTHERLAND, D. D. S.

W. F. SMITH, A. B., M. D., Demonstrator of Anatomy.
R. G. DAVIS, M. D., Assistant Demonstrator of Anatomy.
W. F. SMITH, A. B., M. D., Assistant Demonstrator of Anatomy.

The session begins Oct. 1, closing in March. A large corps of demonstrators, always present, put in actual practice the teachings of all lectures in dentistry.

The College has formed an alliance with the College of Physicians and Surgeons by which its students are privileged to attend all lectures and clinics, and Graduates of the school are required to attend but one session at the College of Physicians and Surgeons prior to presenting themselves as candidates for the degree of M. D. (See Catalogue.)

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

PROF. R. B. WINDER, DEAN,
*No. 716 Park Avenue, Baltimore, Md.*

BAY VIEW HOSPITAL
COLLEGE BUILDING
AND
CITY HOSPITAL
MATERNITÉ

# College of Physicians and Surgeons,

## Baltimore, Md.

# ANNUAL ANNOUNCEMENT AND CATALOGUE.

1895–96.

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BALTIMORE:
THE SUN BOOK AND JOB PRINTING OFFICE.
1895.

# DISPENSARY STAFF.

*Physician in Charge*.....EDWIN GEER, M. D.

*DEPARTMENTS.*

*Surgery*.....STANDISH McCLEARY, M. D.
CHAS. F. BLAKE, M. D.
*Genito-Urinary Surgery*.....W. W. FRAMES, M. D.
*Diseases of Children*.....G. M. LINTHICUM, M. D.
*Nose, Throat and Chest*.....F. B. ADAMS, M. D.
R. T. HARDY, M. D.
W. T. RILEY, M. D.
*Skin*.....W. F. SMITH, M. D.
*Diseases of Women*.....W. S. GARDNER, M. D.
*Nervous Diseases*.....A. L. HODGDON, M. D.
*Practice of Medicine*.....JULIUS FRIEDENWALD, M. D.
J. B. SAUNDERS, M. D.
*Diseases of the Eye and Ear*.....HARRY FRIEDENWALD, M. D.

## CITY HOSPITAL.

*VISITING STAFF.*

*Surgeons.*

PROF. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" THOS. OPIE, M. D.
" J. W. CHAMBERS, M. D.
" J. H. BRANHAM, M. D.
HARRY FRIEDENWALD, M. D.

*Physicians.*

PROF. THOS. LATIMER, M. D.
" GEO. J. PRESTON, M. D.
" GEO. H. ROHE, M. D.
" GEO. THOMAS, M. D.

*PATHOLOGISTS.*

PROF. N. G. KEIRLE, A. M., M. D. JULIUS FRIEDENWALD, A.B., M.D.

*HOUSE STAFF.*

JOHN RUHRAH. M. D., Resident Physician.
EDWIN A. BOWERMAN, M. D., 1st Assistant Resident Physician.
ALEXIUS McGLANNAN, M. D., 2d Assistant Resident Physician.
JOHN C. MORFIT, M. D., 3d Assistant Resident Physician.

## MATERNITÉ HOSPITAL STAFF.

*Visiting Obstetrician*.....PROF. L. E. NEALE, M. D.
*Resident Physician*.....CHARLES EMIL BROCK, M. D.
*Assistant Resident Physician*.....CHARLES W. VOGEL, M. D.
*Chief of Out-Door Department*.....EDWIN GEER, M. D.

## BAY VIEW HOSPITAL.

*Surgeons.*

PROF. THOS. OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" J. W. CHAMBERS, M. D.
" JOS. H. BRANHAM, M. D.
W. F. SMITH, A. B., M. D.
HARRY FRIEDENWALD, A.B., M.D.

*Physicians.*

PROF. THOS. S. LATIMER, M. D.
" GEO. J. PRESTON, A.B., M.D.
" L. E. NEALE, M. D.
" GEO. THOMAS, A. M., M. D.
FRANK C. BRESSLER, M. D.
C. H. JONES, M. B. (Edin.), M. D.
JULIUS FRIEDENWALD, A.B., M.D.

*HOUSE STAFF.*

*Resident Physieian*.....ALBERT S. HOTALING, M. D.
*Assistant Resident Physician*.....ARTHUR HAWKINS, M. D.

## PHYSIOLOGICAL, PATHOLOGICAL AND CHEMICAL LABORATORIES.

*Professor of Chemistry*.....W. SIMON, PH. D., M. D.
" *Physiolagy*.....GEORGE J. PRESTON, A. B., M. D.
" *Pathology*.....N. G. KEIRLE, A. M., M. D.
*Demonstrator of Physiology*.....C. HAMPSON JONES, M. B. (Edin.), M. D.
*Asst. Demonstrator of Histology*...STANDISH McCLEARY, M. D.
*Demonstrator of Chemistry*.....W. WAYLAND FRAMES, PH. G., M. D.
" *Pathology*.....JULIUS FRIEDENWALD, A. B., M. D.
*Asst. Demonstrator of Pathology*...JOHN RUHRAH, M. D.

# FACULTY.

ABRAHAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynæcology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professsor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, Ph. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHE, M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Operative and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

L. E. NEALE, M. D.,
*Professor of Obstetrics.*

JOSEPH H. BRANHAM, M. D.,
*Professor of Anatomy and Clinical Professor of Diseases of the Rectum.*

B. HOLLY SMITH, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as Applied to Medicine.*

GEORGE THOMAS, A. M., M. D.,
*Clinical Professor of Nose, Throat and Chest.*

C. HAMPSON JONES, M. B. Edin., M. D ,
*Associate Professor of Physiology.*

HARRY FRIEDENWALD, A. B., M. D.,
*Associate Professor of Diseases of the Eye and Ear.*

JULIUS FRIEDENWALD, A. B., M. D.,
*Associate Professor of Pathology, and Clinical Professor of Diseases of the Stomach.*

FRANK C. BRESSLER, M. D.,
*Clinical Professor of Diseases of Children.*

FRANK DYER SANGER, M. D.,
*Associate Professor of Anatomy and Lecturer on Diseases of Chiidren.*

WILLIAM F. SMITH, A. B., M. D.,
*Clinical Professor of Dermatology, Associate Professor of Genito-Urinary Surgery and Demonstrator of Anatomy.*

WILLIAM S. GARDNER, M. D.,
*Associate Professor of Gynæcology.*

W. WAYLAND FRAMES, PH. G., M. D.,
*Demonstrator of Chemistry.*

EDWIN GEER, M. D.,
*Physician in charge City Hospital Dispensary and Chief of Out-door Department of Maryland Lying-in Asylum.*

STANDISH McCLEARY, M. D.,
*Assistant Demonstrator of Histology and Prosector of Anatomy.*

H. H. HAYDEN, M. D.,
*Demonstrator of Clinical Medicine and Assistant Demonstrator of Anatomy.*

CHARLES F. BLAKE, M. D.,
*Demonstrator of Clinical Surgery and Assistant Demonstrator of Anatomy.*

SYLVAN H. LIKES, M. D.,
*Demonstrator of Pathology.*

JOHN RUHRAH, M. D.,
*Assistant Demonstrator of Patholo*

SAMUEL J. FORT, M. D.,
*Demonstrator of Materia Medica.*

*ASSISTANT DEMONSTRATORS, 1895–'96.*

Ten Graduates of Anatomy (Second course), Class '95.

F. L. BARNES, TEX.
A. D. BERNDT, O.
F. H. COOPS, N. S.
ALBERT COTTON, O.
R. A. HAYNES, W. VA.
E. A. KENNEDY, MASS.
H. C. KNAPP, N. Y.
J. M. MILLER, VA.
J. N. NORMAND, MASS.

THOMAS OPIE, M. D.,

*Dean of the Faculty,*

Cor. Calvert and Saratoga Streets.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## ANNOUNCEMENT FOR 1895.

The complete course of study at this school will hereafter embrace four sessions of six months each, except for those students who have already taken one or more courses of medical lectures.

The Twenty-fourth Annual Session will begin Tuesday, October 1st, 1895, and end Tuesday, March 31st, 1896. It will consist of six lectures daily, clinical and didactic. The recitations, clinics and lectures of the Spring Session will begin Monday, April 6th, and continue ten weeks. This course is free to those who are matriculated for the Spring and the following Winter Session. As heretofore, attendance on the Winter Session only is required for graduation.

## ORGANIZATION.

The College of Physicians and Surgeons was organized and incorporated under the laws of the State of Maryland in 1872. In 1877 the Washington University School of Medicine, which was established in 1827, was merged into the College of Physicians and Surgeons of Baltimore. In 1878 an enactment of the General

Assembly of Maryland ratified the union of the two schools under the latter title, and conferred upon it all the rights, powers and privileges of both schools combined.

## REQUISITES FOR ADMISSION.

An entrance examination in algebra, higher arithmetic, elements of physics, Latin prose and an English composition of two hundred words.

Graduates or matriculants of reputable colleges, or graduates of high schools of the first grade, or normal schools established by State authority, or those who may have successfully passed the entrance examination provided by the statutes of the State of New York, shall be exempt from the above requirements.

Students conditioned in one or more of the branches enumerated as requirements for matriculation shall have time, until the beginning of the second year, to make up such deficiencies; provided, however, that students who fail in any of the required branches in this second examination shall not be admitted to a second course.

Students from other schools not requiring examination for admission must present credentials or be examined as stated above.

# COURSE OF INSTRUCTION.

## CLINICAL AND DIDACTIC LECTURES.

Two courses of lectures are given during the year, a Winter and a Spring Course. The regular Winter Session will begin October 2d, 1895, and end March 31st, 1896, and will consist of six lectures daily, didactic and clinical. They will be so arranged and blended as to be eminently practical as well as scientific.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors of Bay View, the Hebrew Hospital, the Nursery and Child's Hospital and St. Joseph's Hospital, of transferring cases of special interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures, will enable the student to appreciate the practical nature of our school work.

The Laboratory courses are complete, and bedside instruction is given not only in the general, but also in the special branches.

The lecture halls are commodious, well ventilated and newly furnished.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors in illustration of their respective branches.

After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

## EYE AND EAR CLINIC.

Clinical instruction is given on the diseases of the eye and ear, embracing exhibition of cases and the demonstration of operations before the general class, besides the conducting of ward instruction, in which thorough examinations are offered to smaller numbers, and the use of the ophthalmoscope, perimeter, methods of correcting the errors of refraction, examinations and treatment of diseases of the ear as shown by Prof. A. Friedenwald and Associate-Prof. Harry Friedenwald.

## PHYSICAL DIAGNOSIS.

The Senior Class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of diseases of the heart, throat and lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinattons by Prof. George Thomas. Prof. Thomas gives special instruction in the diagnosis and treatment of diseases of the heart, throat and lungs. The rules for percussion and auscultation are clearly pointed out, and the use of the laryngoscope illustrated.

## NERVOUS SYSTEM.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Preston.

## THE GYNÆCOLOGICAL CLINIC.

The wards for white women embrace the entire second floor of the west wing of the City Hospital.

The fourth floor of the City Hospital Annex, which is the hospital for the colored race, is occupied by the colored women. The daily clinic for the Diseases of Women at the City Hospital Dispensary, in conjuntion with the above-named sources, furnishes abundant material for illustrating the various operations of gynæcology before the whole class.

This department is under the management of Prof. Opie.

## OBSTETRIC CLINIC.

In addition to attendance upon labor cases both in and out of the Lying-in Asylum, practical instruction will be given once a week to ward classes in the Lying-in Asylum, affording the student an excellent opportunity of becoming personally familiar by his own experience with the various methods of physical examination of the pregnant woman (inspection, palpation, auscultation, mensuration), and also with the management of the puerperal period and the care of the new-born. Once a week a demonstration will also be given to ward classes at the college in operative obstetrics, and every member of the graduating class will be taught and required to perform the various conservative obstetrical operations (forceps, versions, extractions), under the personal supervision of Prof. Neale and his assistants.

## OPERATIVE SURGERY.

This course will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of genito-urinary

diseases will be treated from both the clinical and didactic standpoints; in addition to this, lectures upon Clinical Surgery will be delivered by Profs. Bevan and Chambers. All operations are performed in the presence of the class.

Special pains will be taken to instruct students in the art of bandaging, applying splints, dressing wounds, conducting post-mortem examinations and compounding medicines—lessons of incalculable value, especially to those who intend to practice medicine in the country.

## PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical and be done in the dissecting rooms. These latter are open daily during the winter and spring seasons, under the direction of the Professor and Demonstrator of Anatomy. Special instruction is given in Osteology, and a skeleton is provided for each student. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions.

## LABORATORY INSTRUCTION.

Commodious, well-lighted and fully equipped laboratories have been constructed in the new college building and the following practical course will be given:

## PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration and the nervous sys-

tem. Students will be taught the use of the microscope and the mode of cutting, staining and mounting sections of normal tissue. A number of carefully prepared sections of all the normal tissues will be shown each class, and each student will receive personal instruction from the Professor and Demonstrator.

Special facilities will be afforded students who desire to do advanced work in this department.

## PATHOLOGICAL LABORATORY.

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology, as contradistinguished from laboratory manipulations and didactic discourses, are unsurpassed.

All post-mórtem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the laboratory is constantly open for any students who wish to do special work.

A course in practical Bacteriology will be given in the Pathological Laboratory. This laboratory has been recently equipped with a thermostat, sterilizers, microscopes, oil immersion lenses, a full line of organisms in pure culture and other material necessary for this work.

## CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrator. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

## HOSPITAL PRACTICE.

Baltimore, with a population of over a half million inhabitants, affords abundant material for the instruction of the student, especially in the practical branches of medicine, surgery and obstetrics.

But few medical schools in this country can extend to its classes greater practical advantages than the College of Physicians and Surgeons. It has been the constant aim of its Faculty to increase and utilize its clinical material for teaching purposes, believing that this method of practical instruction is the best for practical work.

The following hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:

### THE BALTIMORE CITY HOSPITAL.

This hospital is under the exclusive medical control of the College of Physicians and Surgeons.

It was erected in 1891 on a lot adjoining the college building.

There are seventy admirably equipped private rooms in this institution, and a private ward for white females.

The three public wards occupy the entire west wing of the hospital, and are separated from the east wing,

which is exclusively for private patients, by a capacious open court. Each of the public wards has dimensions of 76x27 feet. They are admirably lighted and ventilated. Situated adjoining the College Amphitheatre, a great variety of medical and surgical cases can be readily brought before the classes for clinical illustration.

The central location of such a hospital has met a public demand. Its construction is of the most modern character and has secured for it the credit of having the most complete system of sanitation.

It is one of the most home-like and attractive hospitals for the treatment of invalids from a distance that can be found anywhere.

Handsome and suitable apartments and thoroughly equipped operating rooms have been provided for the accommodation and treatment of private patients.

The fact that the Baltimore City Hospital is under the management of the Sisters of Mercy is a guarantee that it is kept in excellent order and that everything is done to promote the comfort and welfare of its inmates.

## HOSPITAL FOR THE COLORED RACE.

This handsome and new structure, which has a capacity of 100 beds, is located on the west side of and connected with the Baltimore City Hospital.

This is the first hospital which has ever been erected in the State of Maryland for the colored race.

This humane and noble undertaking has already proved a success.

The College of Physicians and Surgeons has exclusive medical control over this hospital.

## THE MARYLAND LYING-IN ASYLUM.

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, and one of the first in this country. It is located at 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes' walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetric clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in midwifery, and in none is there greater responsibility.

This institution enables the Professor of Obstetrics and his assistants to teach this branch in accordance with the practical methods adopted by European schools. Members of the Graduating Class, after leaving name and address with the Resident Physician at the Lying-in Asylum, will be summoned to the clinic upon the occurrence of a labor case by prompt messenger service. Students are carefully instructed in the various methods of physical exploration, the management of labor, puerperium, etc., under the strictest antiseptic precautions,

and have frequent opportunities of witnessing the obstetrical operations performed on the patients. Attendance on these clinical demonstrations is obligatory.

An outdoor department has been established, which will largely extend the facilities for practical instruction in obstetrics. Advanced students will be given special charge of cases, under the personal supervision of the Chief of the Outdoor Department.

## BAY VIEW HOSPITAL.

Bay View is situated in the eastern suburbs of Baltimore, and contains 2,000 beds, inclusive of the department for the insane.

Regular clinics are given during the winter and spring sessions by the Faculty of this school. The amphitheatres are well lighted and comfortable, and the very large amount of material affords unusual opportunities for practical teaching.

## CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new College Building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting-room is provided. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by the fact that the number of patients was 24,299 during the year ending April 30th, 1895.

### NURSERY AND CHILD'S HOSPITAL.

Profs. Latimer, Bevan, Friedenwald and Branham constitute the staff of this institution, and students have an opportunity of studying, under most favorable circumstances, the diseases of children.

### ST. JOSEPH'S GENERAL HOSPITAL.

The College of Physicians and Surgeons is represented in this important hospital by Profs. Chambers and Neale.

### HEBREW HOSPITAL.

Profs. Friedenwald, Chambers, Opie and Preston are upon the staff of this institution.

### MARYLAND HOSPITAL FOR THE INSANE.

Prof. Rohé is Medical Superintendent and gives instruction to ward classes at this institution.

## DIVISION OF STUDIES.

### FIRST YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Anatomy | Lectures, | 3 | hours | per | week. |
| Physiology | " | 3 | " | " | " |
| Chemistry | " | 2 | " | " | " |
| Materia Medica | " | 2 | " | " | " |
| Histology | " | 1 | hour | " | " |
| Osteology | " | 1 | " | " | " |
| Dissecting | Daily by sections. | | | | |
| Chemical Laboratory | 6 hours per week by sections. | | | | |
| Histological Laboratory | 6 | " | " | " | " |
| Demonstrations in Osteology | 6 | " | " | " | " |
| Demonstrations in Materia Medica | 6 | " | " | " | " |

### SECOND YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Anatomy | Lectures, | 3 | hours | per | week. |
| Physiology | " | 3 | " | " | " |
| Chemistry | " | 2 | " | " | " |
| Pharmacology and Therapeutics | " | 2 | " | " | " |

| | | | | | |
|---|---|---|---|---|---|
| Pathological Anatomy | Lectures, | 2 | hours | per | week. |
| Hygiene | " | 1 | " | " | " |
| Dissections | | | | | Daily by sections. |
| Chemical Laboratory | 6 hours per week by sections. | | | | |
| Physiological Laboratory | 6 | " | " | " | " |
| Pathological Laboratory | 6 | " | " | " | " |

THIRD YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Physiological Chemistry | Lectures, | 1 | hour | per | week. |
| Bacteriology | " | 1 | " | " | " |
| Principles and Practice of Medicine | " | 3 | " | " | " |
| Principles and Practice of Surgery | " | 3 | " | " | " |
| Therapeutics | " | 2 | " | " | " |
| Obstetrics | " | 3 | " | " | " |
| Gynæcology | " | 3 | " | " | " |
| Diseases of Eye and Ear | " | 2 | " | " | " |
| Applied Anatomy, Operative Surgery | " | 2 | " | " | " |
| Pharmacy | " | 1 | " | " | " |
| Diseases of Children | " | 1 | " | " | " |
| Nervous Diseases | " | 1 | " | " | " |
| Dermatology | " | 1 | " | " | " |
| Genito-Urinary Surgery | " | 1 | " | " | " |
| Diseases of the Rectum | " | 1 | " | " | " |
| Clinical Pathology | " | 1 | " | " | " |
| Diseases of Nose, Throat and Chest | " | 1 | " | " | " |
| Bacteriological Laboratory | " | 6 | " | " | " |

FOURTH YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Principles and Practice of Medicine, | Lectures, | 2 | hours | per | week. |
| Principles and Prac. of Surgery | " | 3 | " | " | " |
| Mental Diseases | " | 1 | " | " | " |
| Gynæcology | " | 3 | " | " | " |
| Diseases of Eye and Ear | " | 2 | " | " | " |
| Operative Obstetrics | " | 2 | " | " | " |
| Clinical Obstetrics | " | 1 | " | " | " |
| Applied Anatomy, Operative Surgery | " | 2 | " | " | " |
| Diseases of Nose, Throat and Chest | " | 1 | " | " | " |
| Nervous Diseases | " | 1 | " | " | " |
| Clinical Medicine | " | 1 | " | " | " |
| Clinical Surgery | " | 2 | " | " | " |
| Diseases of the Stomach | " | 1 | " | " | " |
| Genito-Urinary Surgery | " | 1 | " | " | " |
| Diseases of Children | " | 1 | " | " | " |
| Diseases of the Rectum | " | 1 | " | " | " |
| Clinical Pathology | " | 1 | " | " | " |

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## WARD CLASSES.

(During third and fourth year one hour per week by sections.)

Surgery, Practice of Medicine, Genito-Urinary Surgery, Gynæcology, Diseases of the Ear and Eye, Obstetrics, Nose, Throat and Chest, Neurology, Mental Diseases.

## EXAMINATIONS.

FIRST YEAR.—Osteology, Histology, Materia Medica, Inorganic Chemistry.

SECOND YEAR.—Anatomy, Physiology, Organic Chemistry, Pharmacology, Pathology.

THIRD YEAR.—Hygiene, Physical Diagnosis, Bacteriology, Diseases of Children, Therapeutics, Physiological Chemistry, Legal Medicine.

FOURTH YEAR.—Practice of Medicine, Surgery, Obstetrics, Gynæcology, Nervous Diseases, Diseases of Eye and Ear, Mental Diseases, Operative Surgery.

Students failing to pass a satisfactory examination in any branch must present themselves on the subjects in which they were deficient before entering the next succeeding course.

## TEXT-BOOKS.

(*The first named book in each branch is preferred.*)

SURGERY.—American Text-Book of Surgery, $7; Moullin's Treatise on Surgery, $7; Treves' Op. Surg., $7.20; Smith's Op. Surg., $3.20; Jacobson's Op. Surg., $4.

PRACTICE OF MEDICINE.—Strumpell, $4.80; Osler, $5.50; Taylor, $1.60; Bosworth and Seiler on Nose and Throat, $9.60; Pepper's System, $10; Page's Physical Diagnosis, 5th edit., $1.60.

OBSTETRICS.—Lusk, $4; Pinard's Abdominal Palpation, $1.00.

DISEASES OF WOMEN.—Keating and Coe, $6; Garrigues, $4; Thomas and Munde, $4.

ANATOMY.—Morris, $6; Gray, plain, $4.80; with colored plates, $5.60; Holden's Osteology, $4.80; Sharpe and Quain's Osteology, $2.40.

MATERIA MEDICA.—Wood's Therapeutics, $4.80; Shoemaker's Materia Medica and Therapeutics, U. S. Dispensatory.

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PHYSIOLOGY.—Kirkes, 3.20; Landois and Stirling, $5.60; Foster, $3.60; Piersol's Histology, $2.80; Schafer's Histology, $2.40.

CHEMISTRY AND TOXICOLOGY.—Simon, $2.60; Charles, $2.80; Curtman, ——; Remsen, $1.60.

DISEASES OF THE EYE AND EAR.—Swanzy on the Eye, $2.40; Fuchs on the Eye, $5; Noyes on the Eye, $4.80; Buck on the Ear, $2.

SKIN DISEASES.—Rohé and Lord, $1.25; Hardaway, $2.40.

DISEASES OF CHILDREN.—Smith, $3.60.

NERVOUS DISEASES.—Dana, $2.60; Gray, $3.60; Gowers, $6.40; Hirt, $5.

MENTAL DISEASES.—Savage on Insanity, $1.60; Stearns on Mental Diseases.

GENITO-URINARY DISEASES.—Van Buren and Keyes, $4; Bumstead and Taylor on Venereal Diseases.

ELECTRICITY.—Liebig and Rohé on Medical Electricity, $2.

HYGIENE.—Rohé's Text-Book of Hygiene, $3.

PATHOLOGY.—Green, $2.20; Delafield and Prudden, $4.80; Zeigler, $4.40.

BACTERIOLOGY.—Abbott, $1.60; Frankel, $3.00.

MEDICAL JURISPRUDENCE.—Taylor, $3.60; Reese, $2.40.

POST-MORTEM TECHNIQUE.—Hebtoen, 1.75.

MEDICAL DICTIONARY.—Dunglinson, $5.60; Keating, $4; Gould, $2.60; Duane, $3.40.

The prices given above are for books in cloth binding, a stronger binding being obtainable at a slight advance on those figures.

## DEPARTMENT OF DENTISTRY.

The college of Physicians and Surgeons has an arrangement with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## STUDENTS FROM OTHER SCHOOLS.

Students who have attended one course of Lectures in a reputable medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our third year

class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previously, must be taken with our second year students at the close of the session.

All students must take in full the branches of the fourth year.

## GRADUATION.

The candidate for the degree of Doctor of Medicine must have attended four full (graded) courses of lectures, the last one in this school. He must be 21 years of age, of good moral character, and have passed satisfactory examinations before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the student who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz., four at the City Hospital, two at the Maternité. These positions are for one year, and each incumbent receives

board and lodging free of expense, besides unrivalled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician to Bay View, with a salary of five hundred dollars with board and lodging, also an assistant resident physician.

## RESIDENT STUDENTS.

Arrangements have been made for twenty students, who will have all the practical advantages of The Baltimore City Hospital at a cost of $25 for a term of 6 months. They have the privilege of accompanying the Professor and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required. The Janitor will assist them in procuring board and lodging in the immediate vicinity of the hospital.

The Faculty has the appointment of a number of resident graduate students to Bay View Asylum. These residents pay $25 per month, which includes all expenses, and have all the advantages afforded by this great charity hospital.

## YOUNG MEN'S CHRISTIAN ASSOCIATION

Will gladly welcome all students, and furnish any information as to the location of all churches and prominent points of interest. Special rates are provided whereby all advantages possessed by the Central Association (two blocks distant) can be had. Gymnasium, baths, various classes, etc.

## COLLEGE FEES.

The total charge for the Winter Session is $100.

Tickets for one or more of the branches may be taken out separately.

The Graduation fee is $30, and must be paid on or before January 1, 1895.

## POST-GRADUATE FEES.

Graduates of other Colleges pay $60 for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required for graduation.

Good board can be had at $3.50 per week. We believe that in no other large city of the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's Office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here, the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information, address

PROFESSOR THOMAS OPIE, M. D. DEAN,
*College of Physicians & Surgeons,*
BALTIMORE, MD.

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## CALENDAR FOR 1895-1896.

1895.

September 30th—Introductory Lecture, 8 P. M.

October 1st—Tuesday Session begins.

November 28th (Thursday)—Thanksgiving Day—holiday.

December 21st—Lectures close for Christmas holidays.

1896.

January 2d—Thursday Lectures resumed.

February 22d—Washington's Birthday—holiday.

March 31st—Session closes.

# CLASS OF 1894-95.

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| ABER, A. H | Pa | *3 | Dr. H. B. Orr. |
| ADAMS, M. H | La | 3 | B. C. D. S. |
| ADLINGTON, S | N. S | 3 | C. P. & S. |
| ALISON, J. S | La | 2 | J. W. Allen. |
| ALLEN, A. B | Ohio | 3 | A. J. Crawford. |
| AMES, W. C | Va | 2 | B. C. D. S. |
| ANDREWS, OREN | Mass | 3 | Dr. D. S. Ellis. |
| APPLEBY, A. G | Pa | 3 | Dr. D. J. Appleby. |
| ARNOLD, J. S | Pa | 2 | Dr. J. O. Nipple. |
| AUSTIN, J. C | Vt | 2 | Drs. Holton & Couland. |
| AVERY, W | S. C | 1 | B. C. D. S. |
| AYARS, E. W | Minn | 3 | Dr. Mark Sheppard. |
| ADGLEY, A. R | Ohio | 2 | B. C. D. S. |
| BAILEY, J. A | N. Y | 3 | Dr. G. A. Stirling. |
| BAKER, E. R | Pa | 2 | B. C. D. S. |
| BARNES, F. L | Tex | 2 | Dr. C. C. Comer. |
| BARRY, E. W | Mass | 1 | Dr. W. H. McCarthy. |
| BARTLETT, M. J | W. Va | 3 | Dr. F. Howell. |
| BARTLEY, E. S | Pa | 1 | B. C. D. S. |
| BAXTER, E. C | Pa | 1 | B. C. D. S. |
| BEAL, M. J | Pa | 1 | B. C. D. S. |
| BEARD, S. C., JR | W. Va | 1 | Dr. S. C. Beard. |
| BEBOUT, T. W | N. J | 1 | Dr. F. C. Jones. |
| BECK, H. G | Pa | 2 | Dr. Wm. Simon. |
| BEELER, B. R | Tex | 3 | Drs. Adams, Thompson & Saunders. |
| BERGOT, E. F | Pa | 1 | B. C. D S. |
| BERNDT, D. A | Ohio | 2 | Dr. J. N. W. Crawford. |
| BETTS, R. I | Ala | 1 | B. C. D. S. |
| BICKERSTAFF, J. H | Ala | 1 | Dr. S. M. Hogan. |
| BIERER, W. J | Pa | 1 | Dr. S. P. Earnest. |
| BLAKE, C. F. (M. D.) | Ohio | — | Dr. A. F. Holmes. |
| BLANCHARD, J. A | La | 1 | Dr. T. E. Schumpert. |
| BOAZ, V. T | Kas | *3 | Drs. Gardner & Blair. |
| BODOT, J. N., JR | N. Y | 1 | C. P. & S. |
| BOOTH, C. L | Pa | 1 | C. P. & S. |
| BORDELON, T. L | La | 1 | B. C. D. S. |
| BOURGUE, A. H | N. B | 1 | B. C. D. S. |
| BOWERMAN, E. A | N. Y | 3 | Dr. F. D. Andrews. |
| BOYD, G. W | D. C | 3 | C. P. & S. |
| BOYD, H. J | N. Y | 3 | Dr. M. A. Becker. |
| BOYERS, A. L | W. Va | 1 | Dr. W. C. Dawson. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Brack, C. E., Jr. | Md. | 3 | Dr. W. R. Steinmetz. |
| Briscoe, John (M. D.) | Md. | — | C. P. & S. |
| Broad, J. T. | Pa. | 2 | B. C. D. S. |
| Brobst, W. B. | Pa. | 1 | Dr. J. A. Brobst. |
| Brown, C. E. | Va. | 3 | B. C. D. S. |
| Brown, E. F. | N. H. | 1 | C. P. & S. |
| Brown, F. F. | Tex. | 1 | B. C. D. S. |
| Bruner, A. C. | Pa. | 1 | Dr. W. H. Norton. |
| Bruner, Harry | Pa. | 3 | C. P. & S. |
| Bryant, F. G. | N. Y. | 3 | Dr. W. A. White. |
| Bull, R. B. | Md. | 1 | Dr. Edwin Geer. |
| Bupp, E. H. | Pa. | 3 | Dr. A. N. Falkenstein. |
| Burt, S. P. | N. C. | 2 | Dr. J. R. Wheless. |
| Burton, E. A. | N. C. | 2 | B. C. D. S. |
| Butt, A. P. | Va. | 3 | C. P. & S. |
| Canby, C. B. | Md. | 2 | Dr. C. H. Jones. |
| Carey, C. J. | Md. | 1 | C. P. & S. |
| Carlinghouse, J. N. | N. Y. | 2 | Dr. J. P. Beardsley. |
| Carr, B. J. | Conn. | 3 | Dr. G. C. Bailey. |
| Carroll, C. R. | Md. | 3 | Dr. C. H. Jones. |
| Carson, C. H. | Md. | 1 | Dr. B. Holly Smith. |
| Casto, T. J. | W. Va. | 2 | Dr. W. W. Kidd. |
| Cathcart, J. H. | Pa. | 1 | B. C. D. S. |
| Caulfield, G. B. | Ireland | 2 | Halifax Med. College. |
| Causey, P. P. | Va. | 1 | Dr. J. E. Phillips. |
| Chalfant, F. H. | W. Va. | 1 | C. P. & S. |
| Chandler, C. F. | Ala. | 2 | Dr. A. A. Pearson. |
| Chapin, C. S. | Mass. | 2 | Dr. W. J. Bolton. |
| Chesterfield, Arthur | Ont. | 1 | B. C. D. S. |
| Christie, Alfred | Ga. | 1 | Dr. H. N. Branham. |
| Clark, A. W. | N. B. | 3 | A. F. Emery. |
| Cloonan, J. J. | Conn. | 1 | Dr. J. S. Curtis. |
| Clune, W. M. | Ont. | 2 | Dr. P. J. Clune. |
| Coale, A. D. | Md. | 2 | B. C. D. S. |
| Cobey, J. C. | Md. | 2 | Georgetown Med. College. |
| Cochel, V. O. | Md. | 1 | B. C. D. S. |
| Coe, B. F. | Pa. | 3 | Dr. H. H. Ford. |
| Coggins, J. C. | Md. | 2 | Dr. G. A. Hartman. |
| Cohen, H. M. | Md. | 2 | Dr. G. T. Atkinson. |
| Collins, J. H. | Ga. | 1 | B. C. D. S. |
| Colson, J. H. | Fla. | 2 | Dr. J. L. Gaskins. |
| Conner, C. B. | Mass. | 3 | Dr. E. A. Chase. |
| Conway, J. H., (M. D.) | Md. | — | Dr. J. B. Saunders. |
| Cook, H. F. | Conn. | 2 | Dr. Andrew Gilroy. |
| Cook, W. F. | N. J. | 1 | Dr. R. L. Cook. |
| Cook, W. J. | Pa. | 3 | Dr. H. H. Foringer. |
| Coops, F. H. | N. J. | 2 | Dr. G. A. Smith. |
| Coppage, W. G. | Md. | 1 | C. P. & S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| COTTON, ALBERTUS | Ohio | 2 | Dr. B. C. Vorhes. |
| COUNCELL, T. A., (M. D.) | Md | — | Dr. G. H. Rohe. |
| COY, J. L. | Ohio | 1 | Dr. Coy. |
| CRANE, W. A | N. J | 1 | B. C. D. S. |
| CRAWFORD, F. H | Va | 2 | Dr. W. M. Crawford. |
| CRIE, F. L | Me | 1 | B. C. D. S. |
| CRONAN, S. P. | Conn | 3 | B. C. D. S. |
| CROSSETT, A. T | Ont | 1 | Dr. J. Holdcroft. |
| CURFMAN, C. V. | Ohio. | 2 | Dr. A. J. Crawford. |
| DALE, W. H | Pa | 3 | Drs. C. D. & G. W. Wood. |
| DASHIELL, G. R. | Tex | 3 | B. C. D. S. |
| DAVIS, J. H. | N. C. | 2 | B. C. D. S. |
| DAVIS, MYRON, JR. | Mass. | 1 | Dr. F. H. Tilton. |
| DAY, F. C. | N. Y. | 2 | B. C. D. S. |
| DELANEY, D. D. | Pa | 1 | Dr. W. E. Delaney. |
| DENUX, G | La | 1 | B. C. D. S. |
| DEZELL, F. B. | N. Y. | 3 | Dr. L. Huyck. |
| DONALDSON, L. M. | N. C. | 1 | Dr. E. P Keerans. |
| DONNELLY, R. J | N. J. | 2 | Dr. A. V. Wendel. |
| DONOHUE, J. J | Conn | 2 | Dr. P H. Harriman. |
| DOUGHERTY, J. F. | Md | 3 | Dr. R. W. Dashiell. |
| DUNLAP, V. W | Va | 1 | Drs. J. C. & C. N. Dunlap. |
| D'VINEY, A. E. | Tex | 3 | Dr. W. R. Rathbone. |
| EAGAN, P. E | W. Va | 2 | Dr. J. J. Goff. |
| EARLE, R. D. | Fla | 3 | Dr. J. H. Hodges. |
| EGERTON, K. W | Md | 3 | B. C. D. S. |
| ELDER, W. E. | Ohio | 3 | Dr. H. W. Holmes. |
| ELLIOTT, P. B | Va | 3 | Dr. C. M. Stigleman. |
| ENGLISH, J. W. | W. Va | 1 | Dr. L. V. Guthrie. |
| EPES, F. W. | Va | 3 | B. C. D. S. |
| ERHART, E. E. | Fla | 2 | B. C. D. S. |
| ERNST, F. J. | Pa | 1 | B. C. D. S. |
| ESSLINGER, E. C. | Md | 2 | C. P. & S. |
| EWING, J. H | Pa | 1 | Dr. J. R. Ewing. |
| FALLON, C. H. | N. J. | 2 | Dr. E. R. Fischer. |
| FANNING, W. C. | Me | 1 | B. C. D. S. |
| FEARING, I. | N. C. | 2 | Dr. R. N. Cartwright. |
| FEINDEL, J. C. | N. S. | 1 | C. P. & S. |
| FERNANDEZ, L. P. | N. Y. | 2 | Dr. G. J. Gorman. |
| FINCH, J. H | Ohio | 3 | Dr. W. S. Graham. |
| FINK, G. D. | Ills | 3 | Dr. I. W. Fink. |
| FINLEY, F. H. | Pa | 3 | Dr. C. F. Bevan. |
| FITCH, E. P. | Conn | 2 | B. C. D. S. |
| FLECK, H. W | Pa | 3 | University of Pennsylvania. |
| FLEICH, OSCAR | N. Y. | 1 | C. P. & S. |
| FOGLE, F. M. | W. Va | 2 | Dr. J. B. Fogle. |
| FONSHILL, A. B. | Va | 2 | B. C. D. S. |
| FORD, W. C. | Va | 2 | G. T. U. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| FORINGER, H. S. | Pa. | 2 | Dr. H. H. Foringer. |
| FOSTER, S. B. | Mich. | 2 | B. C. D. S. |
| FOUGHT, L. L. | Ohio. | 1 | Dr. A. F. Holmes. |
| FRAME, H. J. | N. Y. | 2 | Dr. S. W. Frame. |
| FRAZIER, H. B. | Va. | 1 | Dr. J. B. Kirk. |
| FRINK, C. H. | Fla. | 3 | Dr. L. F. Frink. |
| FULLERTON, W. W. | Mass. | 3 | Dr. G. E. Freeman. |
| GAFFNEY, M. T. | N. J. | 1 | Dr. Wm. O'Gorman. |
| GAGE, A. S. | Md. | 1 | Dr. A. L. Gage. |
| GALLIGAN, E. J. | Mass. | 2 | Bellevue Medical College. |
| GALLOWAY, G. F. (M D.) | Md. | — | Dr. G. H. Rohe. |
| GALLUP, L. J. | Va. | 2 | University of Virginia. |
| GARRETT, R. E. (M. D.) | Md. | — | University of Maryland. |
| GEIGER, J. F. | S. C. | 3 | B. C. D. S. |
| GLEDHILL, E. C. | R. I. | 2 | B. C. D. S. |
| GLENN, L. N. | N. C. | 1 | Dr. W. J. Torrence. |
| GOLLEY, J. E. | Md. | 2 | Dr. Knott. |
| GOODMAN, B. A. | Md. | 2 | Dr. Edwin Geer. |
| GOODSTADT, L. M. | N. Y. | 1 | Dr. O. O. Stineil. |
| GORE, C. S. | Md. | 1 | B. C. D. S. |
| GOSE, I. F. | Va. | 2 | Dr. R. C. Meade. |
| GRAHAM, J. F | W. Va. | 1 | Dr. Z. T. Kalbaugh. |
| GREER, J. C. (M. D.) | N. C. | — | C. P. & S. |
| GREGORY, SAMUEL | Pa. | 2 | Dr. G. W. Lupfer. |
| GUM, W. H. | W. Va. | 1 | Dr. P. D Hannah. |
| GUPTILL, A. E. | Me. | 1 | B. C. D. S |
| GWYN, M. K. | Md. | 1 | Dr. J. H. Branham. |
| HADDOCK, W. H. | Fla. | 2 | Dr. C. Joynes. |
| HADLEY, F. A | N. Y. | 3 | Dr. G. E. Sylvester. |
| HAGGERTY, J. D | N. J. | 2 | B. C. D. S. |
| HAIZLIP, J. H. | N. C. | 1 | C. P. & S. |
| HALL, FRANK | Tex. | 1 | Dr. H. W. Wandless. |
| HALPER, C. J | Conn. | 1 | Dr. L. D. La Bonte. |
| HAMLIN, W E. | Mass. | 1 | Dr. W. J. Bolton. |
| HAMMOCK, J. C. | N. C. | 3 | Dr. E. Fulp. |
| HAMRICK, T. G. | N. C. | 3 | Dr. T. B. Lovelace. |
| HANKINS, HOWARD. | N. J. | 2 | Dr. D. W. Newell. |
| HANNA, R. C. | Pa | 2 | Dr. J. W. Malone. |
| HANNAH, ALEX. | W. Va. | 3 | Dr. A. A. Flowers. |
| HARLOW, J. S. | Me. | 1 | Boston City Hospital. |
| HARPER, F. W. | Pa. | 2 | Dr. C. B. Bastian. |
| HARRELL, D. L. | Va. | 3 | University of Virginia. |
| HAUSER, B. B. | N. C. | 1 | Dr. T. R. Harding. |
| HAWKINS, ARTHUR | Md. | 3 | Dr. P. W. Hawkins. |
| HAYNES, R. A. | W. Va. | 2 | Dr. T. M. Hood. |
| HEMMEON, J. A. M. | N. S. | 2 | Dalhousie Medical College. |
| HENDERSON, W. L., JR. | Tenn. | 3 | Dr. W. L. Henderson. |
| HENNING, E. R. | Ohio. | 2 | Dr. R. N. Fulwider. |

1895-6



| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| HENRY, D. S. | S. C. | 3 | Dr. W. W. Hamilton. |
| HENRY, W. T. | Md. | 2 | C. P. & S. |
| HERNIG, L. A. | N. J. | 1 | Dr. A. V. Wendel. |
| HESS, J. L. | Md. | 1 | Dr. H. S. Jarrett. |
| HICKS, I. C. | W. Va. | 2 | Dr. A. Y. Martin. |
| HIGDON, T. L. | Md. | 3 | Dr. L. R. C. Towles. |
| HILDEBRAND, R. A. | Pa. | 3 | Dr. C. G. Hildebrand. |
| HITCH, J. M. | Del. | 1 | Dr. W. J. Hitch. |
| HODDES, N. | Germany | 1 | B. C. D. S. |
| HOFFER, H. W. | Tex. | 3 | B. C. D. S. |
| HOFFMAN, E. A. | N. Y. | 2 | Dr. E. H. Howard. |
| HOFFMAN, ED. | Pa. | 2 | Dr. O. L. Muffly. |
| HOGG, GORY | W. Va. | 3 | W. Va. University. |
| HOLCOMBE, C. T. | N. J. | 1 | Dr. Jeht. |
| HOLDSWORTH, J. C. | Md. | 2 | Dr. C. W. Spayd. |
| HOLMBOE, M. M. | Norway | 2 | B. C. D. S. |
| HODD, G. A. | N. C. | 3 | University N. C. |
| HORTON, W. C. | N. C. | 1 | Dr. G. M. Bell. |
| HOWLETT, THOS. | P. E. I. | 1 | Dr. S. R. Jenkins. |
| HUARD, J. E. | Mass. | 2 | Dr. R. W. Jackson. |
| HUDSON, B. B. | Ga. | 1 | Dr. C. B. Raines. |
| HUMPHREYS, FRANK | Pa. | 3 | Dr. W. C. Quinn. |
| HUMPHREYS, GEORGE | Pa. | 2 | Dr. J. M. Cooley. |
| HUMPHREY, T. S. | Pa. | 2 | Dr. W. J. Humphrey. |
| HUNACOST, J. G. | Md. | 3 | Dr. D. C. Sutherland. |
| HUNTER, J. H. C. | N. J. | 2 | Dr. S. C. G. Watkins. |
| JACKSON, W. A., JR. | Md. | 2 | Georgetown Med. College. |
| JEFFERS, ED. | N. S. | 1 | C. P. & S. |
| JOHNSON, A. P. | Montana | 1 | B. C. D. S. |
| JOHNSON, F. P. | W. Va. | 1 | W. Va. University. |
| JOHNSTON, J. M. | Pa. | 2 | Dr. G. W. Lupfer. |
| JONES, F. E. | Me. | 2 | Dr. E. H. Brigham. |
| KASZYNSKI, JACOB | Ills. | 1 | Dr. J. Kaszynski. |
| KELLEY, J. W. | Mass. | 1 | C. P. & S. |
| KELLY, J. M. | N. Y. | 1 | Dr. P. C. Carmichael. |
| KELLY, W. A. | Va. | 1 | B. C. D. S. |
| KELSEY, H. E. | N. C. | 2 | B. C. D. S. |
| KEMERER, M. E. | Pa. | 1 | Dr. Reber. |
| KEMP, C. P. | Md. | 3 | Dr. J. E. H. Lewis. |
| KENAN, O. H. | N. C. | 3 | Dr. Edwin Geer. |
| KENNARD, G. H. | N. J. | 3 | C. P. & S. |
| KENNEDY, E. A. | Mass. | 2 | Dr. H. D. Sullivan. |
| KENNEDY, W. R. | S. C. | 3 | Dr. J. H. Laye. |
| KERN, W. W. | Pa. | 2 | Dr. Wm. M. Kern. |
| KETCHUM, F. G | Vt. | 1 | Dr. B. F. Ketchum. |
| KETTS, C. H. | Vt. | 1 | B. C. D. S. |
| KILBOURN, J. A. | Conn. | 1 | Dr. T. E. Morrison. |
| KING, M. D. | N. C. | 2 | B. C. D. S |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| KISNER, A. O. | Pa. | 2 | Dr. O. L. Muffly. |
| KLESA, W. A. | Pa. | 2 | Dr. E. H. Asheroft. |
| KNAPP, H. C | N. Y. | 2 | Dr. Quinby. |
| KNIGHT, LEE | Tex. | 3 | Dr. J. M. Woodson. |
| KNOWLES, J. C. | Del. | 1 | Dr. W. E. Shipley. |
| KOONCE, S. E. | N. C. | 2 2 | Dr. R. A. Whitaker. |
| KORNMANN, L. F | Md. | 2 | Dr. Wm. Simon. |
| LACY, J. W. | England | 2 | Halifax Med. College. |
| LAMB, T. J | Pa. | 2 | Dr P. H. Kearney. |
| LANKTON, L. S | N. Y. | 1 | Syracuse University. |
| LAPE, F. G. | N. Y. | 2 | A. C. P. |
| LAW, SHELTON | Md. | 1 | Dr. J. H. Branham. |
| LAW, W. F. | N. Y. | 2 | Dr. Reynolds. |
| LEDWLEL, R J. | Mass. | 2 | C. P. & S. |
| LEE, E. G. | Md. | 1 | B. C. D. S. |
| LEITCH, J. W. | Md. | 2 | Dr. E. Paddy. |
| LEMLYE, W. H. | W. Va. | 3 | Dr. A. B. Mason. |
| LEONARD, B. F. | N. S. | 1 | Dr. W. H. Cole. |
| LEONARD, W. J. | Mass. | 2 | Dr. F. C. Plunkett. |
| LINDSAY, M. M. | Tenn. | 1 | B. C. D. S. |
| LOCKWOOD, M. M. | Dak. | 2 | Dr. C. B. Harris. |
| LOPER, A. C | N. Y. | 2 | C. P. & S. |
| LOWE E. W. | N. H. | 1 | C. P. & S. |
| LOWE, T. S | Pa. | 2 | Dr. E. S. Latimer. |
| LYLE, J. W. | Miss. | 3 | B. C. D. S. |
| MCCALLION, GEO. | N. J. | 2 | Dr. Kirk. |
| MCCARTHY, J. J. | Conn. | 2 | Dr. W. J. Delaney. |
| MCCLEARY, STANDISH (M.D.) | Md. | | C. P. & S. |
| MCCUNE, C. E. | Pa. | 1 | Dr. J. W. Hunter. |
| MCCUSKEY, L. H. | W. Va. | 1 | C. P. & S. |
| MCDERMOTT, B. F. | R. I. | 1 | Dr. D. H. Sullivan. |
| MCGLANNAN, A. W., JR. | Md. | 3 | C. P. & S. |
| MCGREEVY, W. H. | Pa. | 1 | Dr. M. H. Murphy. |
| MCILVAINE, E. S. | Pa. | 2 | B. C. D. S. |
| MCKELLAR, G. W. | W. Va. | 1 | West Virginia University. |
| MCKENNA, S. J. | P. E. I. | 1 | Dr. Jas. McLeod. |
| MCKNIGHT, J. L. | Pa. | 1 | Dr. J. W. Hunter. |
| MCLANE, F. C. | N. J. | 1 | B. C. D. S. |
| MCLARNEY, THOS | Conn. | 1 | Dr. W. H. Conklin. |
| MCNEIL, G. W. | Va. | 2 | Dr. R. S. Martin. |
| MCSHANE, R. I. | Md. | 3 | Dr. J. F. McShane. |
| MACDONALD, A. W. | Md. | 2 | Dr. Geo. F. Taylor. |
| MACDONALD, C. D. | Va. | 1 | Drs. Ruddick & Nash. |
| MADARA, J. C. | Pa. | 2 | Dr. R. A. Plank. |
| MANKIN, C. | Tenn. | 1 | B. C. D. S. |
| MANN, S. M. | N. C. | 3 | Dr. R. N. Cartwright. |
| MAUSUY, J. L. | Pa. | 1 | Dr. D. C. Flanagan. |
| MARSH, R. A. | S. C. | 1 | Drs. Hill & Tompkins. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Martin, E. F. | N. C. | 3 | Dr. J. H. White. |
| Meikle, C. | N. Y. | 3 | B. C. D. S. |
| Melcher, A. E. | Ohio | 2 | University of Minnesota. |
| Miller, E. C. J. | Md. | 1 | Dr. W. M. Barnes. |
| Miller, J. M. | Va. | 2 | Dr. J. M. Phipps. |
| Monroe, E. L. | Fla. | 1 | B. C. D. S. |
| Montgomery L. C | W. Va. | 2 | University of Virginia. |
| Moore, J. M. | W. Va. | 3 | West Virginia University. |
| Morehead, R. P | W. Va. | 3 | Dr. R. H. Thorn. |
| Morfit, J. C. | Md. | 3 | Dr. C. M. Morfit. |
| Morgan, D. H. | Ohio | 2 | Drs. Stoll & Ryall. |
| Morgan, G. D. | Pa. | 1 | B. C. D. S. |
| Morgan, Owen | Pa. | 3 | B. C. D. S. |
| Morton, J. C. | N. C. | 2 | Dr. S. Nicholson. |
| Motley, C. W. | Va. | 2 | Dr. B. M. Walker. |
| Moyer, C. W. | N. Y. | 3 | Dr. F. B. Dodge. |
| Moyer, F. K. | Pa. | 1 | Dr. E. W. Tool. |
| Moyer, L. A. | Md. | 1 | B. C. D. S. |
| Mullins, P. H. (M. D.) | Va. | — | C. P. & S. |
| Murray, H. W. | N. B. | 2 | B. C. D. S. |
| Murray, R. J. | Md. | 3 | Dr. A. L. Gage. |
| Naughton, J. P | Minn. | 2 | Dr. J. C. Marks. |
| Neiman, L. A | N. Y. | 2 | Phila. College Pharmacy. |
| Newth, J. H. | Pa. | 2 | Dr. E. J. Butler. |
| Nicholas, R. C. | Md. | 3 | Dr. Teakle. |
| Nichols, S. A | Md. | 2 | Dr. A. G. Harley. |
| Nihiser, W. M. (M. D.) | Md. | — | C. P. & S. |
| Normand, J. N. | Mass. | 2 | Dr. J. B. Chagnon. |
| Norris, C. E. | N. Y. | 2 | Dr. J. P. Brown. |
| Nowlin, J. B., Jr | Va. | 2 | C. P. & S. |
| O'Brien, J. F | Conn. | 1 | Dr. W. H. Conklin. |
| O'Connor, J. F | Mass. | 2 | Dr. W. Jacques. |
| O'Dea, P. J. | Pa. | 1 | Dr. A. H. Morgan. |
| O'Hare, P. F | R. I. | 3 | Dr. T. J. Smith. |
| O'Sullivan, T. P | Mass. | 2 | B. C. D. S. |
| Opie, E. L. | Md. | 3 | Dr. Thomas Opie. |
| Orr, H. M. | Md. | 3 | Dr. S. A. Boucher. |
| Overlock, M. G | Mass. | 2 | Dr. J. B. Rich. |
| Owens, H. K | W. Va. | 3 | Dr. Z. T. Kalbaugh. |
| Packerd, G. H. | Mass. | 1 | C. P. & S. |
| Palmer, F. R. | Del. | 2 | Dr. D. D. Palmer. |
| Palmer, L. F | Md. | 1 | B. C. D. S. |
| Payne, J. B. | W. Va. | 2 | W. Va. University. |
| Peabody, R. | Conn. | 2 | B. C. D. S. |
| Peery, T. E | Va. | 3 | Dr. J. H. Crockett. |
| Perry, P. C | Fla. | 1 | Dr. W. R. Chalker. |
| Pickett, J. C | Ohio | 2 | Drs. Primrose and Hyde. |
| Pilkey, B. C. | N. Y. | 2 | Dr. M. J. Wilson. |
| Poole, A | Md. | 2 | Dr. S. A. Stone. |
| Prince, S. E | La. | 2 | Dr. T. E. Schumpert. |
| Purdum, C. C | Mass. | 2 | Dr. J. M. Watson. |
| Quinn, W. L. | Pa. | 2 | Dr. G. W. Lupfer. |
| Rangeley, W. W. | Va. | 3 | Dr. R. S. Martin. |
| Reavis, L. D. | Oregon | 3 | Dr. J. L. Reavis. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Rebuck, Chas. | Pa. | 2 | Dr. C. E. L. Keene. |
| Resh, D. M. (M. D.) | Md. | — | Dr. J. H. Preston. |
| Reynolds, Warren | W. Va. | 1 | Dr. G. B. Norris. |
| Rice, A. C. | Pa. | 2 | Dr. G. L. Rice. |
| Richardson, P. C. | Tex. | 3 | B. C. D. S. |
| Ringgold, R. C. | Md. | 1 | Dr. T. S. Brayshaw. |
| Rink, C. W. | Pa. | 1 | Dr. H. S. Keepers. |
| Rink, I. C. | Pa. | 3 | Dr. H. S. Keepers. |
| Risley, J. C. | Pa. | 2 | Dr. W. P. Miller. |
| Ritter, S. Jr | Tex. | 1 | B. C. D. S. |
| Rockwell, Lee | N. S. | 3 | Dr. J. N. Fiteh. |
| Rodwell, J. W. | N. C. | 3 | Dr. M. P. Perry. |
| Rolston, W. J. | Ont. | 2 | B. C. D. S. |
| Rouse, H. E. | Conn. | 2 | Dr E. H. Davis. |
| Ruhroh, John (M. D.) | Ohio. | — | C. P. & S. |
| Russell, E. J. | Md. | 2 | Dr. J. Branham. |
| Russell, Ben | S. C. | 2 | Dr. T. J. Weatherly. |
| Safford, J. E. | N. Y. | 3 | C. P. & S. |
| Sands, G. M. | Md. | 2 | Dr. G. F. Ankrim. |
| Sansbury, J. E. | Md. | 3 | Dr. D. Fuller. |
| Savage, M. M. | Md. | 3 | Dr. A. Friedenwald. |
| Savin, T. L. | Md. | 2 | Dr. Linthicum. |
| Sawyer, C. J. | N. C. | 2 | Drs. Ferebee & Shertzer. |
| Saxay, S. B. | Cal. | 2 | B. C. D. S. |
| Scanland, J. M. | La. | 1 | Dr. T. E. Schumpert. |
| Schaefer, J. E. | Pa. | 2 | Dr. W. F. Kunkle. |
| Schuckman, F. A. | Germany. | 1 | B. C. D. S. |
| Scudder, C. T. | N. Y. | 3 | Dr. J. J. Keator. |
| Sellman, J. P., Jr. | Md. | 2 | Dr. A. G. Harley. |
| Shannon, J. J. | Pa. | 1 | B. C. D. S. |
| Shatto, A. B. | Pa. | 3 | Dr. A. P. T. Grove. |
| Sheffield, H. B. | Md. | 3 | Dr. H. Baxly. |
| Shirley, B. W | Pa. | 3 | Dr. J. H. Gerry. |
| Shirkey, C. P. | W. Va. | 2 | Dr. D. W. Shirkey. |
| Shores, F. W. | Me. | 1 | B. C. D. S. |
| Shugart, C. C. | N. C. | 1 | Dr. R. W. Beere. |
| Simons, I. N. | Conn. | 2 | Dr. D. W. McFarland. |
| Simpson, W. H. | Mass. | 3 | B. C. D. S. |
| Sims, W. T | Tex. | 1 | B. C. D. S. |
| Smith, A. L. | N. S. | 2 | Dr. J. A. Arbuckel. |
| Smith, A. W. | Md. | 3 | Dr. W. L. Smith. |
| Smith, C. E. | Va. | 2 | Dr. J W. Smith. |
| Smith, J. W. (M. D.) | N. S. | | C. P. & S. |
| Smith, O. V | N. S. | 3 | C. P & S. |
| Solt, W. J. | Pa. | 2 | C. P. & S. |
| South, R. B | W. Va. | 3 | West Virginia University. |
| Sprague, W. C. | N. B. | 2 | B. C. D. S. |
| St. George, A. | Mass. | 3 | Dr J. B. Chagnon. |
| Stanton, T. F. | Conn. | 2 | Dr. W. D O'Hara. |
| Staton, Frank | N. C. | 2 | Dr. J. W Speight. |
| Steeves, E. W. | N B. | 1 | C. P. & S. |
| Stetson, H. G. | Mass. | 3 | C. P. & S. |
| Sting, E. H. | Ohio. | 3 | B. C. D. S. |
| Stuart, Geo | Va. | 2. | Dr. J. M. Phipps. |
| Stuart, H. C. | Ga. | 2 | Dr. J. D. Herrman. |
| Stubbs, A. H. | Pa. | 2 | Dr. Houston. |
| Stultz, P. H. | Va. | 3 | Dr. J. R. Anderson. |
| Stunkard, Harry | Pa. | 2 | Dr. J. A. Newcombe. |
| Sullivan, J. J. | Pa. | 1 | Dr. J. J. Sullivan. |
| Summerville, E. W. | Pa. | 3 | B. C. D. S. |
| Swann, J. F. | N. C. | 2 | Dr. J. E. McLaughlin. |
| Szuwalski, S. J. | Md. | 3 | Dr. J. H. Branham. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| TALBOT, W. O | Miss | 2 | B. C. D. S. |
| TALBOTT, D. R | Md | 1 | C. P. & S. |
| TARTER, J. W | Va | 3 | Dr. W. F. Smith. |
| TAYLOR, R. L | Pa | 3 | Dr. Hirtt. |
| TEN EYCK, J. D | N. J | 3 | Dr. A. L. Stilwell. |
| TENCH, J. D. L | Fla | 2 | B. C. D. S. |
| TERRELL, S. L | Tex | 3 | Dr. D. F. Stuart. |
| THEBERATH, C. H | N. J | 3 | B. C. D. S. |
| THIEME, G. C | Md | 2 | Dr. F. C. Bressler. |
| THOMAS, D. H | W. Va | 3 | C. P. & S. |
| THOMPSON, C. A | N. B | 2 | C. P. & S. |
| THOMPSON, C. A , JR | N. C | 2 | B. C. D. S. |
| THOMPSON, R. G | N. Y | 1 | B. C. D. S. |
| THROLATT, A. C | N. Y | 3 | B. C. D. S. |
| TINSLEY, E. O | Va | 1 | Dr. J. E. Huff. |
| TISON, G. B | Fla | 1 | Dr. B. B. Smith. |
| TITUS, C. W | N. J | 1 | Dr. W. Titus. |
| TOMPKINS, G. R | Ontario | 1 | B. C. D. S. |
| TUBBS, A. B | Ohio | 1 | C. P. & S. |
| VALK, E. G | Md | 2 | Dr. D. W. Snowden. |
| VAN DEVENTER, V. H | Va | 2 | Dr. W. F. Smith. |
| VAN WILLIAMS, V | N. Y | 1 | Dr. G. S. Youngling. |
| VARNEY, E. M | Pa | 3 | Dr. A. B. Stevens. |
| VAUGHAN, HARRY | N. J | 3 | Dr. O. N. Beegle. |
| VINAL, W. H | Mass | 1 | C. P. & S. |
| VOGEL, C. W | Md | 3 | C. P. & S. |
| WAESCHE, J. F | Md | 3 | B. C. D. S. |
| WALKER, EVERETT | W. Va | 1 | Drs. Bawfield & Taylor. |
| WALKER, J. L | Va | 3 | B. C. D. S. |
| WALL, A. C | Hawaiian Islands | 2 | Drs. Anderson & Lundy. |
| WALLACE, J. I | United States | 3 | Acadia College. |
| WALLS, J. M | Tex | 2 | Dr. W. J. Mathews. |
| WALZ, L. K | Va | 2 | B. C. D. S. |
| WARD, J. W | Conn | 3 | Dr. E. L. Pratt. |
| WATKINS, J. P | Ala | 1 | Drs. Palmer & Watkins. |
| WATSON, D. F | N. C | 1 | B. C. D. S. |
| WEELS, C. M | Md | 2 | B. C. D. S. |
| WEIL, S. D | Ky | 3 | Dr. D. D. Robinson. |
| WEILLS, C. R | Pa | 1 | Dr. W. M. L. Weills. |
| WEISKOTTEN, R. H | N. Y | 3 | B. C. D. S. |
| WENGER, W. H | Va | 2 | Dr. D. F Giel. |
| WESTPALL, A C | N. Y | 1 | Dr. A. B. Smith. |
| WHEELER, H. S | N. H | 1 | Dr. Z. F. Lamb. |
| WHITE, H. E | N. Y | 3 | Dr. N. P. Hunter. |
| WHITE, I. H | Pa | 3 | Dr. A. Kibbs. |
| WHITE, J. M | Md | 2 | Dr. J. H. Stonestreet. |
| WHITEFORD, L. I | Md | 1 | Dr. A. X. Whiteford. |
| WHITEHEAD, C. A | N. C | 2 | N. W. U., Chicago. |
| WHITMAN, H | Pa | 1 | Dr. J. W. Ritter. |
| WICKLINE, W. A | W. Va | 3 | West Virginia University. |
| WILKINSON, W. F | N. Y | 2 | Michigan University. |
| WILLIAMS, G. D | N. C | 1 | B. C. D. S. |
| WILLIAMS, J. W | Ont | 1 | Dr. T. T. Holmes. |
| WILLIAMS, PEARL | Conn | 2 | Dr. F. D. Sanger. |
| WILSON, H. S | Pa | 3 | Dr. A. C. Wolf. |
| WILSON, R. B | Vt | 1 | Boston City Hospital. |
| WOLF, WM | Germany | 2 | Dr. J. Friedenwald. |
| YAGLE, G. N | Pa | 3 | Dr. P. A. Lutz. |
| YINGLING, J. G | Ohio | 3 | Dr. Halford. |
| YOUNG, J. J., JR | N. C | 1 | Dr. E. N. Booker. |
| ZIMMERMAN, CHAS | Pa | 2 | B. C. D. S. |
| ZUFALL, S. C | Pa | 1 | R. C. D. S. |

# GRADUATING CLASS OF 1895.

Abner, A. H ..... Pa.
Allen, A. B ..... Ohio.
Andrews, Oren ..... Mass.
Appleby, A. G ..... Pa.
Ayars, E. W ..... Minn.
Baily, J. A ..... N. Y.
Bartlett, M. J ..... W. Va.
Beeler, B. R ..... Texas.
Bowerman, E. A ..... N. Y.
Boyd, G. W ..... D. C.
Brack, Jr., C. E ..... Md.
~~Bruner, H. B~~ ..... Pa.
Bryant, F. G. ..... N. Pa.
Bupp, E. H. ..... Pa.
Butt, A. P ..... Va.
Carr, B. J ..... Conn.
Clark, A. W ..... N. B.
Coe, B. F ..... Pa.
~~Conner, C. B~~ ..... Mass.
~~Dale, W. H~~ ..... Pa.
~~Dougherty, J. F~~ ..... Md.
Earle, R. D ..... Pa.
Elder, W. E ..... Ohio.
Elliott, P. B ..... Va.
Finch, J. H ..... Ill.
Fink, G. D ..... Ill.
Finley, F. H ..... Pa.
Fullerton, W. W ..... Mass.
Hadley, F. A ..... N. Y.
Hammack, J. C ..... N. C.
Hamrick, T. G ..... N. C.
Hannah, Alex ..... W. Va.
Harrell, D. L ..... Va.
Hawkins, Arthur ..... Md.
Henderson, W. L ..... Tenn.
Hildebrand, R. A ..... Pa.
Hogg, Gory ..... W. Va.
Hood, G. A ..... N. C.
Humphreys, Frank R ..... Pa.
Kemp, C. P ..... Md.
~~Kenan, O. H~~ ..... N. C.
~~Kennard, G. H~~ ..... N. J.

Kennedy, W. R ..... S. C.
Knight, Lee ..... Texas.
Kornmann, L. F ..... Md.
Mann, S. M ..... N. C.
Morehead, R. P ..... ~~Md.~~
Morfit, J. C ..... Md.
Moyer, C. W ..... Ill.
Murray, R. J ..... Md.
McGlannan, J., A. W ..... Md.
Orr, H. M ..... Ill.
Owens, H. K ..... W. Va.
Peery, T. E ..... Va.
Rodwell, J. W ..... N. C.
Safford, J. E ..... N. Y.
Sansbury, J. E ..... Md.
Savage, M. M ..... Md.
Sawyer, C. J ..... N. C.
Scudder, C. T ..... N. Y.
Shatto, A. B ..... Pa.
Sheffield, H. B ..... Md.
Shirey, B. W ..... Pa.
Smith, A. W ..... Md.
Smith, O. V ..... N. S.
Stetson, H. G ..... Mass.
Stultz, P. H ..... Va.
St. George, A ..... Mass.
Tarter, J. W ..... Va.
Taylor, R. L ..... Pa.
Ten Eyck, J. D ..... N. J.
Terrell, S. L ..... Texas.
Thomas, D. H ..... W. Va.
Varney, E. M ..... Pa.
Vaughan, Harry ..... N. J.
Vogel, C. W ..... Md.
Wallace, J. I ..... N. S.
Ward, J. W ..... Conn.
Weil, S. D ..... Ky.
White, I. H ..... Pa.
Wickline, W. A ..... W. Va.
Wilson, H. S ..... Pa.
Yagle, G. N ..... Pa.

# The Baltimore College of Dental Surgery.

**Chartered by the Legislature of Maryland in 1839.**

## The Oldest Dental College in the World.

### FACULTY.

M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Therapeutics and Pathology.

WM. B. FINNEY, D. D. S., Professor of Dental Surgery and Operative Dentistry.

THOMAS S. LATIMER, M. D., Professor of Physiology and Comparative Anatomy.

WILLIAM SIMON, Ph. D., M. D., Professor of Chemistry.

CHARLES F. BEVAN, M. D., Clinical Professor of Oral Surgery.

J. W. CHAMBERS, M. D., Professor of Anatomy.

GEORGE H. ROHE, M. D., Professor of Materia Medica.

### LECTURERS.

R. BAYLY WINDER, Phar. G,, D. D. S., Materia Medica.

WM. F. SMITH, A. B., M. D., Regional Anatomy.

J. N. FARRAR, M. D., D. D. S., Irregularities.

JOHN H. MEYER, D. D. S., Continuous Gum.

DR. GEORGE EVANS, Crown and Bridge-work.

DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

### CLINICAL INSTRUCTORS.

T. S. WATERS, D. D. S., Chief Clinical Instuctor, Resident, Md.

CORYDON PALMER, D. D. S.....Ohio.
E. PARMLY BROWN, D. D. S....N. Y.
A. L. NORTHROP, D. D. S.....N. Y.
E. L. HUNTER, D. D. S .....N. C.
W. W. WALKER, D. D. S.....N. Y.
DAVID GENESE, D. D. S.....Md.
F. C. BARLOW .....N. J.

C. M. GINRICH, D. D. S. Resident, Md.
J. HALL MOORE M. D.....Va.
R. B. DONALDSON, D. D. S.....D. C.
H. A. PARR, D. D. S.....N. Y.
J. EMORY SCOTT, D. D. S ..... .Md.
C. L. ALEXANCER, D. D. S.....N. C.
C. A. MEEKER, D. D. S.....N. J.

### DEMONSTRATORS.

WILLIAM G. FOSTER, D. D. S., Demonstrator of Operative Dentistry.

GEO. E. HARDY, M. D., D. D. S., Demonstrator of Mechanical Dentistry.

### Assistant Demonstrators.

J. W. SMITH, D. D. S.
W. W. DUNBRACCO, D. D. S.
W. S. TWILLEY, D. D. S.
J. E. ORRISON, D. D. S.
G. MARSHALL SMITH, D. D. S.
J. G. SUTHERLAND, D. D. S.
J. K. BURGESS, D. D. S.

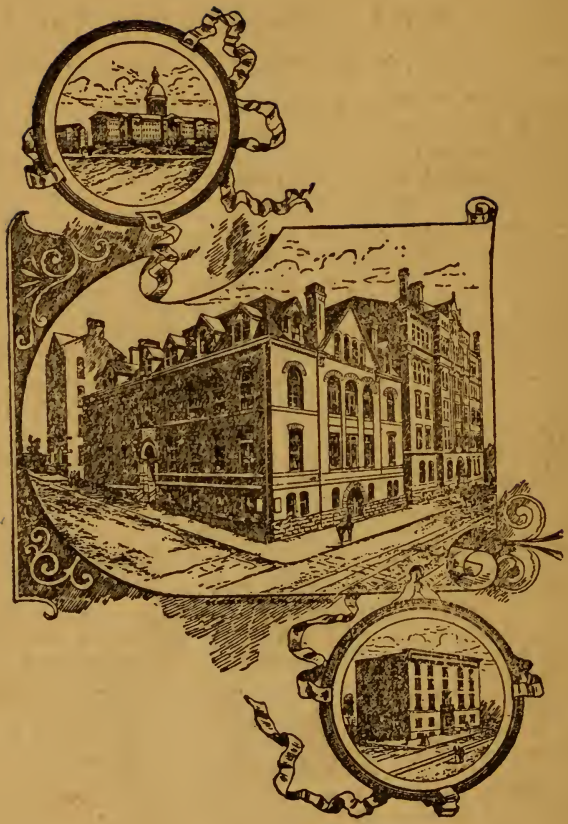
W. F. SMITH, A. B., M. D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M. D., Assistant Demonstrator of Anatomy.
R. G. DAVIS, M. D., Assistant Demonstrator of Anatomy.

The Fifty-sixth Annual Session will commence on the 1st of October, 1895, and continue until March 20th, 1896.

The Infirmary is open during the entire year for Dental Operations.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**M. W. FOSTER, M. D., D. D. S., Dean,**
**9 W. Franklin Street, Baltimore, Md.**



# College of Physicians and Surgeons,

## Baltimore, Md.

# ANNUAL ANNOUNCEMENT AND CATALOGUE

1896–97.

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BALTIMORE:
THE SUN BOOK AND JOB PRINTING OFFICE.
1896.

# DISPENSARY STAFF.

Physician in Charge—EDWIN GEER, M. D.

CLERK—E. G. WILLARD. DRUGGIST—M. L. PITTMAN.

## DEPARTMENTS.

| | |
|---|---|
| *urgery* | CHAS. F. BLAKE, M. D.<br>JOHN BRISCOE, M. D. |
| *enito-Urinary Surgery* | W. F. SMITH, M. D.<br>W. W. FRAMES, M. D. |
| *iseases of Children* | H. H. HAYDEN, M. D. |
| *ose, Throat and Chest* | F. B. ADAMS, M. D.<br>W. T. RILEY, M. D.<br>A. W. McDONALD, M. D. |
| *kin Diseases* | JOHN C. MORFIT, M. D.<br>H. M. COHEN, M. D. |
| *iseases of Women* | W. S. GARDNER, M. D. |
| *ervous Diseases* | C. E. BRACK, M. D.<br>A. L. HODGDON, M. D. |
| *ractice of Medicine* | JULIUS FRIEDENWALD, M. D.<br>H. H. HAYDEN, M. D.<br>JOHN C. MORFIT, M D. |
| *iseases of the Eye and Ear* | HARRY FRIEDENWALD, M. D.<br>R. J. MURRAY, M. D. |

## CITY HOSPITAL--VISITING STAFF.

SURGEONS.

rof. CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" THOS. OPIE, M. D.
" J. W. CHAMBERS, M. D.
ARRY FRIEDENWALD, M. D.

PHYSICIANS.

Prof. THOS. LATIMER, M. D.
" GEO. J. PRESTON, M. D.
" GEO. H. ROHÉ, M. D.
" GEO. THOMAS, M

## PATHOLOGISTS.

rof. N. G. KEIRLE, A. M., M. D. JULIUS FRIEDENWALD, A. , M. D.

## HOUSE STAFF.

JOHN RUHRÄH, M. D., Resident Physician.
ALBERTUS COTTON, M. D., 1st Assistant Resident Physician.
FRANK L. BARNES, M. D., 2d Assistant Resident Physician.
PEARL WILLIAMS, M. D., 3d Assistant Resident Physician.

## MATERNITÉ HOSPITAL.

*esident Physician*.....JAMES C. AUSTIN, M. D.
*ssistant Resident Physician*.....FRANK H. COOPS, M. D.

## BAY VIEW HOSPITAL.

SURGEONS.

rof. THOS. OPIE, M. D.
" CHAS. F. BEVAN, M. D.
" A. FRIEDENWALD, M. D.
" J. W. CHAMBERS, M. D.
" W. F. SMITH, A. B., M. D.
ARRY FRIEDENWALD, A.B., M.D.
TANDISH McCLEARY, M. D.
M. S. GARDNER, M. D.

PHYSICIANS.

Prof. THOS. S. LATIMER, M. D.
" GEO. J. PRESTON, M. D.
" GEO. THOMAS, A. M., M. D.
" C. H. JONES, M. B. (Edin.), M. D.
JULIUS FRIEDENWALD, A. B., M. D.
CHAS. F. BLAKE, M. D.
H. H. HAYDEN, M. D.

## SPECIALISTS.

Prof. GEORGE J. PRESTON, M. D., Diseases of the Nervous System.
" THOS. OPIE, M. D., Diseases of Women.
" W. F. SMITH, Diseases of the Skin and Genito-Urinary Surgery.
Dr. GEORGE THOMAS, A. M., Diseases of the Nose and Throat.
Dr. HARRY FRIEDENWALD, Diseases of the Eye and Ear.
Dr. J. FRIEDENWALD, Diseases of the Stomach.

# Circular of Special Information.

*Students coming to Baltimore with the purpose of attending lectures at the* COLLEGE OF PHYSICIANS AND SURGEONS, *are advised to come directly to the College Building, Corner Calvert and Saratoga Streets.*

*The Janitor,* MR. CAMPBELL, *will promptly attend to the transfer of baggage and aid students in securing suitable boarding houses. The baggage check may be delivered to him or baggage may be expressed to the College and remain there until a satisfactory boarding house has been decided upon.*

*The Secretary's Office will be opened from September 15th to October 15th, between 10 A. M. and 7 P. M.*

*The College fees are payable in advance and students should come prepared to pay the full fees at the time of matriculation.*

*Sight Drafts, Checks, Express or Postal Orders will be accepted by the Secretary in payment of fees.*

*The arrangement and size of our lecture halls enables us to escape the unfortunate necessity of assigning seats.*

*All students should present Credentials bearing upon the Preliminary Entrance Examination.*

*The Catalogue indicates such certificates as will be accepted in lieu of this examination.*

*The second-course student should bring the evidence of previous session or sessions, dissecting and laboratory work.*

*Third and fourth year students should bring tickets of previous courses, dissecting and laboratory work, and certificates of final examination on primary branches.*

*Those students who have taken a Chemical-Biological Course in a creditable college or university, will be admitted to the second year. Graduates in Pharmacy of schools in good standing will be admitted to the second year. Graduates in Dentistry are admitted to the third year. Graduates of Veterinary schools of good standing who have taken three courses, may enter the second year. Graduates in schools of Homœopathy may be admitted to the fourth year.*

*An acceptable diploma of M. D. is regarded as evidence of final examination on primary subjects.*

*All candidates for the Degree must stand an examination on the subjects of the fourth year as indicated in Catalogue.*

*We suggest a careful reading of the Catalogue.*

*THOMAS OPIE, M. D.*
*Dean.*

# FACULTY.

ABRAHAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynæcology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Prafessor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, PH. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, A. M., M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Operative and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

C. HAMPSON JONES, M. B , (EDIN,) M. D.,
*Professor of Obstetrics.*

W. F. SMITH, A. B., M. D.,
*Professor of Anatomy and Clinical Professor of Dermatology.*

B. HOLLY SMITH, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as Applied to Medicine.*

GEORGE THOMAS, A. M., M. D.,
*Clinical Professor of Nose, Throat and Chest.*

HARRY FRIEDENWALD, A. B., M. D ,
*Associate Professor of Diseases of the Eye and Ear.*

JULIUS FRIEDENWALD, A. B., M. D.,
*Associate Professor of Pathology, and Clinical Professor of Disease of the Stomach.*

FRANK C. BRESSLER, M. D.,
*Clinical Professor of Diseases of Children.*

FRANK DYER SANGER, M. D.,
*Demonstrator of Anatomy and Associate Professor of Diseases of Children.*

WILLIAM S. GARDNER, M. D.,
*Associate Professor of Gynæcology.*

STANDISH McCLEARY, M. D.,
*Associate Professor of Physiology and Histology.*

W. WAYLAND FRAMES, M. D.,
*Demonstrator of Chemistry.*

H. H. HAYDEN, M. D.,
*Demonstrator of Clinical Medicine and Assistant Demonstrator of Anatomy.*

CHARLES F. BLAKE, M. D.,
*Demonstrator of Clinical Surgery and Assistant Demonstrator of Anatomy.*

SYLVAN H. LIKES, M. D.,
*Demonstrator of Pathology.*

JOHN RUHRÄH, M. D.,
*Demonstrator of Bacteriology.*

SAMUEL J. FORT, M. D.,
*Demonstrator of Materia Medica.*

ALEXIUS McGLANNAN, M. D.,
*Assistant Demonstrator of Histology.*

EDWIN GEER, M. D.,
*Physician in Charge City Hospital Dispensary.*

JOHN C. MORFIT, M. D.,
*Prosector of Anatomy.*

*ASSISTANT DEMONSTRATORS, 1896–'97*

Ten Graduates of Anatomy (Second course), Class '95.

| | |
|---|---|
| C. J. CAREY, Md. | L. A. HERRING, N. J. |
| L. H. E. CUSKEY. | A. G. KENNEDY. |
| J. H. EWING, Pa. | L. S. LANKTON, N. Y. |
| J. H. HAIZLIP, N. C. | J. M. SCANLAND, La. |
| F. C. HEMEON, N. S. | E. WHITE. |

THOMAS OPIE, M. D.,
*Dean of the Faculty,*
Cor. Calvert and Saratoga Streets.

# COLLEGE OF PHYSICIANS AND SURGEONS.

## ANNOUNCEMENT FOR 1896.

The complete course of study at this school will hereafter embrace four sessions of six months each.

The Twenty-fifth Annual Session will begin Thursday, October 1st, 1896, and end March 31st, 1897.

## ORGANIZATION

The College of Physicians and Surgeons was organized and incorporated under the general laws of the State of Maryland in 1872. The Washington University School of Medicine was established in 1834. In 1878, by act of the Legislature, these two schools were consolidated under the name of College of Physicians and Surgeons, all of the rights, powers and privileges of both being conferred upon the latter.

## REQUISITES FOR ADMISSION.

An entrance examination in algebra, higher arithmetic, elements of physics, Latin prose and an English composition of two hundred words.

Graduates or matriculants of reputable colleges, or graduates of high schools of the first grade, or normal schools established by State authority, or those who

may have successfully passed the entrance examination provided by the statutes of the State of New York, shall be exempt from the above requirements.

Students conditioned in one or more of the branches enumerated as requirements for matriculation shall have time, until the beginning of the second year, to make up such deficiencies; provided, however, that students who fail in any of the required branches in this second examination shall not be entitled to a second course.

Students from other schools not requiring examination for admission must present credentials or be examined as stated above.

# COURSE OF INSTRUCTION.

## CLINICAL AND DIDACTIC LECTURES.

A preliminary course, chiefly clinical, will begin September 15th and continue until the opening of the session.

The regular Winter Session will begin October 1st, 1896, and end March 31st, 1897, and will consist of six lectures daily, didactic and clinical.

At the close of the regular session there will be a Spring Course of six weeks duration. This course affords unusual opportunities for practical bedside instruction.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors of Bay View, the Hebrew Hospital, the Nursery and Child's Hospital and St. Joseph's Hospital, of transferring cases of especial interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures, will enable the student to appreciate the practical nature of our school.

The Laboratory courses are complete, and bedside instruction is given not only in the general, but also in the special branches.

The lecture halls are commodious, well ventilated and newly furnished.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors in illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

## EYE AND EAR CLINIC.

Clinical instruction is given on the diseases of the eye and ear, embracing exhibition of cases and the demonstration of operations before the general class. Besides the conducting of ward instruction, in which thorough examinations are offered to smaller numbers, and the use of the opthalmoscope, perimeter, methods of correcting the errors of refraction, examinations and treatment of diseases of the ear are shown by Prof. A. Friedenwald and Associate-Prof. Harry Friedenwald.

## PHYSICAL DIAGNOSIS.

The Senior Class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of diseases of the heart, throat and lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinations by Prof. George Thomas. Prof. Thomas gives special instruction in the diagnosis and treatment of diseases of the heart, throat and lungs.

## NERVOUS SYSTEM.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Preston.

## THE GYNÆCOLOGICAL CLINIC.

The wards for white women embrace the entire second floor of the west wing of the City Hospital.

The fourth floor of the City Hospital Annex, which is the hospital for the colored race, is occupied by the colored women. The daily clinic for the Diseases of Women at the City Hospital Dispensary, in conjunction with the above-named sources, furnishes abundant material for illustrating the various operations of gynæcology before the whole class.

This department is under the management of Prof. Opie.

## OBSTETRIC CLINIC.

In addition to attendance upon labor cases both in and out of the Lying-in Asylum, practical instruction will be given once a week to ward classes in the Lying-in Asylum, affording the student an excellent opportunity of becoming personally familiar by his own experience with the various methods of physical examination of the pregnant woman (inspection, palpation, auscultation, mensuration), and also with the management of the puerperal period and the care of the new-born. Once a week a demonstration will also be given at the college to ward classes in operative obstetrics, and every member of the graduating class will be taught and required to perform the various conservative obstetrical operations (forceps, versions, extractions), under the personal supervision of Prof. Jones.

## OPERATIVE SURGERY.

This course will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the

treatment of wounds. The department of genito-urinary diseases will be treated from both the clinical and didactic standpoints; in addition to this, lectures upon Clinical Surgery will be delivered by Profs. Bevan and Chambers. All operations are performed in the presence of the class.

Special pains will be taken to instruct the students in the art of bandaging, applying splints, and dressing wounds.

### PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical and be done in the dissecting rooms. These latter are open daily during the winter and spring seasons, under the direction of the Professor and Demonstrator of Anatomy. Special instruction is given in Osteology, and a skeleton is provided for each student. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions.

### LABORATORY INSTRUCTION.

Commodious, well-lighted and fully equipped laboratories have been constructed in the new college building and the following practical courses will be given:

### PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration and the nervous system. Students will be taught the use of the microscope and the mode of cutting, staining and mounting sections

of normal tissue. A number of carefully prepared sections of all the normal tissues will be shown the class, and each student will receive personal instruction from the Professor and Demonstrators.

Special facilities will be afforded students who desire to do advanced work in this department.

## PATHOLOGICAL LABORATORY.

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the laboratory is constantly open for any students who wish to do special work.

A course in practical Bacteriology will be given in the Pathological Laboratory. This laboratory has been recently equipped with a thermostat, sterilizers, microscopes, oil immersion lenses, a full line of organisms in pure culture and other material necessary for this work.

## CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the

Demonstrators. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

### PHARMACY AND MATERIA MEDICA.

In this department the student will be instructed personally in the art of compounding medicines. These lessons are of great value to him in after life, especially so should he become a practitioner of medicine in the country.

### HOSPITAL PRACTICE.

Baltimore, with a population of over a half million inhabitants, affords abundant material for the instruction of the student, especially in the practical branches of medicine, surgery and obstetrics.

But few medical schools in this country can extend to its classes greater practical advantages than the College of Physicians and Surgeons. It has been the constant aim of its Faculty to increase and utilize its clinical material for teaching purposes, believing that this method of practical instruction is the best for practical work.

The following hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:

### THE BALTIMORE CITY HOSPITAL.

This hospital is under the exclusive medical control of the College of Physicians and Surgeons.

It was erected in 1891 on a lot adjoining the college building.

There are seventy admirably equipped private rooms in this institution, and a private ward for white females.

The three public wards occupy the entire west wing of the hospital, and are separated from the east wing, which is exclusively for private patients, by a capacious open court. Each of the public wards has dimensions of 76x27 feet. They are admirably lighted and ventilated. Situated adjoining the College Amphitheatre, a great variety of medical and surgical cases can be readily brought before the classes for clinical illustration.

The central location of such a hospital has met a public demand. Its construction is of the most modern character and has secured for it the credit of having the most complete system of sanitation.

It is one of the most home-like and attractive hospitals for the treatment of invalids from a distance that can be found anywhere.

Handsome and suitable apartments and thoroughly equipped operating rooms have been provided for the accommodation and treatment of private patients.

The fact that the Baltimore City Hospital is under the management of the Sisters of Mercy is a guarantee that it is kept in excellent order and that everything is done to promote the comfort and welfare of its inmates.

## HOSPITAL FOR THE COLORED RACE.

This handsome and new structure, which has a capacity of 100 beds, is located on the west side of and connected with the Baltimore City Hospital.

This is the first hospital which has ever been erected in the State of Maryland for the colored race.

The College of Physicans and Surgeons has exclusive medical control over this hospital.

## THE MARYLAND LYING-IN ASYLUM.

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, and one of the first in this country. It is located at 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetric clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

The young graduate in medicine, if forced to rely upon theoretical knowledge solely, must necessarily assume the responsibility of this department with especial embarrassment, for it is a well-established fact that in no branch of medicine do bad results affect the practitioner so injuriously as those occurring in midwifery, and in none is there greater responsibility.

This institution enables the Professor of Obstetrics and his assistants to teach this branch in accordance with the practical methods adopted by European schools. Members of the Graduating Class, after leaving name and address with the Resident Physican at the Lying-in Asylum, will be summoned to the clinic upon the occurrence of a labor case by prompt messenger service. Students are carefully instructed in the various methods of physical exploration, the management of labor, puerperium, etc., under the strictest antiseptic precautions,

and have frequent opportunities of witnessing the obstetrical operations performed on the patients. Attendance on these clinical demonstrations is obligatory.

An outdoor department has been established, which will largely extend the facilities for practical instruction in obstetrics. Advanced students will be given special charge of cases, under the personal supervision of the Chief of the Outdoor Department.

## BAY VIEW HOSPITAL.

Bay View is situated in the eastern suburbs of Baltimore, and contains 2,000 beds, inclusive of the department for the insane.

Regular clinics are given during the winter and spring sessions by the Faculty of this school. The amphitheatres are well lighted and comfortable, and the very large amount of material affords unusual opportunities for practical teaching.

## CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new College Building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special, and a large, pleasant waiting room is provided. A full Dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by the fact that the number of patients was 25,128 during the year ending April 30th, 1896.

### NURSERY AND CHILD'S HOSPITAL.

Profs. Latimer, Bevan and Friedenwald are on the staff of this institution, and students have an opportunity of studying, under most favorable circumstances, the diseases of children.

### ST. JOSEPH'S GENERAL HOSPITAL.

The College of Physicans and Surgeons is represented in this important hospital by Prof. Chambers.

### HEBREW HOSPITAL.

Profs. Friedenwald, Chambers, Opie and Preston are upon the staff of this institution.

### SECOND MARYLAND HOSPITAL FOR THE INSANE.

Prof. Rohé is Medical Superintendent and gives instruction to ward classes at this institution.

## DIVISION OF STUDIES.

### FIRST YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Anatomy | Lectures, | 3 | hours | per | week. |
| Physiology | " | 3 | " | " | " |
| Chemistry | " | 2 | " | " | " |
| Materia Medica | " | 2 | " | " | " |
| Histology | " | 1 | hour | " | " |
| Osteology | " | 1 | " | " | " |
| Dissecting | Daily by sections. | | | | |
| Chemical Laboratory | 6 hours per week by sections. | | | | |
| Histological Laboratory | 6 | " | " | " | " |
| Demonstrations in Osteology | 6 | " | " | " | " |
| Demonstrations in Materia Medica | 6 | " | " | " | " |

### SECOND YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Anatomy | Lectures, | 3 | hours | per | week. |
| Physiology | " | 3 | " | " | " |
| Chemistry | " | 2 | " | " | " |
| Pharmacology and Therapeutics | " | 2 | " | " | " |

| | | | | | |
|---|---|---|---|---|---|
| Pathological Anatomy | Lectures, | 2 | hours | per | week. |
| Hygiene | " | 1 | " | " | " |
| Dissections | Daily by sections. | | | | |
| Chemical Laboratory | 6 hours per week by sections. | | | | |
| Physiological Laboratory | 6 | " | " | " | " |
| Pathological Laboratory | 6 | " | " | " | " |

THIRD YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Physiological Chemistry | Lectures, | 1 | hour | per | week. |
| Bacteriology | " | 1 | " | " | " |
| Principles and Practice of Medicine | " | 3 | " | " | " |
| Principles and Practice of Surgery | " | 3 | " | " | " |
| Therapeutics | " | 2 | " | " | " |
| Obstetrics | " | 3 | " | " | " |
| Gynæcology | " | 3 | " | " | " |
| Diseases of Eye and Ear | " | 2 | " | " | " |
| Applied Anatomy, Operative Surgery | " | 2 | " | " | " |
| Pharmacy | " | 1 | " | " | " |
| Diseases of Children | " | 1 | " | " | " |
| Nervous Diseases | " | 1 | " | " | " |
| Dermatology | " | 1 | " | " | " |
| Genito-Urinary Surgery | " | 1 | " | " | " |
| Diseases of the Rectum | " | 1 | " | " | " |
| Clinical Pathology | " | 1 | " | " | " |
| Diseases of Nose, Throat and Chest | " | 1 | " | " | " |
| Bacteriological Laboratory | 6 hours a week by sections. | | | | |

FOURTH YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Principles and Practice of Medicine, | Lectures, | 2 | hours | per | week. |
| Principles and Practice of Surgery | " | 3 | " | " | " |
| Mental Diseases | " | 1 | " | " | " |
| Gynæcology | " | 3 | " | " | " |
| Diseases of Eye and Ear | " | 2 | " | " | " |
| Operative Obstetrics | " | 2 | " | " | " |
| Clinical Obstetrics | " | 1 | " | " | " |
| Applied Anatomy, Operative Surgery | " | 2 | " | " | " |
| Diseases of Nose, Throat and Chest | " | 1 | " | " | " |
| Nervous Diseases | " | 1 | " | " | " |
| Clinical Medicine | " | 1 | " | " | " |
| Diseases of the Stomach | " | [illegible] | " | " | " |
| Genito-Urinary Surgery | " | | " | " | " |
| Diseases of Children | " | [illegible] | " | " | " |
| Diseases of the Rectum | " | 1 | " | " | " |
| Clinical Pathology | " | 1 | " | " | " |

### WARD CLASSES.

This important branch of instruction has received special attention at the hands of the faculty.

The third and fourth year classes are divided into small sections and are personally instructed by the professors and demonstrators. The following subjects are taught in this manner:

Surgery, Practice of Medicine, Genito-Urinary Surgery, Gynæcology, Diseases of the Ear and Eye, Obstetrics, Nose, Throat and Chest, Neurology, Mental Diseases.

## EXAMINATIONS.

FIRST YEAR.—Osteology, Histology, Materia Medica, Inorganic Chemistry.

SECOND YEAR.—Anatomy, Physiology, Organic Chemistry, Pharmacology, Pathology.

THIRD YEAR.—Hygiene, Physical Diagnosis, Diseases of the Nose and Throat, Bacteriology, Diseases of Children, Therapeutics, Physiological Chemistry, Legal Medicine.

FOURTH YEAR.—Practice of Medicine, Surgery, Obstetrics, Gynæcology, Nervous Diseases, Diseases of Eye and Ear, Mental Diseases, Operative Surgery.

Students failing to pass a satisfactory examination in any branch must present themselves on the subjects in which they were deficient before entering the next succeeding course.

### TEXT-BOOKS.

(*The first named book in each branch is preferred.*)

SURGERY.—American Text-Book of Surgery, $7; Moullin's Treatise on Surgery, $6; Treves' Op. Surg., $7.20; Smith's Op. Surg., $3.20; Jacobson's Op. Surg., $4.

PRACTICE OF MEDICINE.—Strumpell, $4.80; Osler, $5.50; Taylor, $2.00; Bosworth and Seiler on Nose and Throat, $9.60; Pepper's System, $10; Page's Physical Diagnosis, 5th edit., $1.60.

OBSTETRICS.—Lusk, $4; Pinard's Abdominal Palpation, $1.00.

DISEASES OF WOMEN.—Keating and Coe, $6; Garrigues, $4; Thomas and Munde, $4.

ANATOMY.—Morris, $6; Gray, plain, $4.80; with colored plates, $5 60; Holden's Osteology, $4 80; Sharpe and Quain's Osteology, $2.40.

MATERIA MEDICA.—Wood's Therapeutics, $4.80, Shoemaker's Materia Medica and Therapeutics, U. S. Dispensatory.

PHYSIOLOGY.—Kirke's, $3.25; Landois and Stirling, $5.60; Foster, $3.60; Piersol's Histology, $2.80; Schafer's Histology, $2.40.

CHEMISTRY AND TOXICOLGY.—Simon's Manual, $2.60; Charles Simon, Clinical Diagnosis, ——; Remsen, $1.60.

DISEASES OF THE EYE AND EAR.—Swanzy on the Eye, $2.50; Fuchs on the Eye, $5; Noyes on the Eye, $4.80; Buck on the Ear, $2.

SKIN DISEASES.—Rohé and Lord, $1.25; Hardaway, $2.40.

DISEASES OF CHILDREN.—Smith, $3.60.

NERVOUS DISEASES.—Dana, $2.60; Gray, $3.60; Gowers, $6.40; Hirt, $5.

MENTAL DISEASES.—Savage on Insanity, $1.60; Stearns on Mental Diseases.

GENITO-URINARY DISEASES.—Van Buren and Keyes, $4; Bumstead and Taylor on Veneral Diseases.

ELECTRICITY.—Liebig and Rohé on Medical Electricity, $2.

HYGIENE.—Rohé's Text-Book of Hygiene, $3.

PATHOLOGY.—Green, $2.20; Delafield and Prudden, $4.80; Zeigler, $4.40.

BACTERIOLOGY.—Abbott, $1.60; Frankel, $3 00.

MEDICAL JURISPRUDENCE.—Taylor, $3.60; Reese, $2.40.

POST-MORTEM TECHNIQUE.—Hektoen, $1.75.

MEDICAL DICTIONARY.—Dunglison, $5.60; Keating $4; Gould, $2.75; Duane, $3.40.

The prices given above are for books in cloth binding, a stronger binding being obtainable at a slight advance.

## DEPARTMENT OF DENTISTRY.

The college of Physicians and Surgeons has an arrangement with the Baltimore College of Dental Surgery (the oldest Dental School in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## STUDENTS FROM OTHER SCHOOLS.

Students who have attended one course of Lectures in a reputable medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our third year class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previonsly, must be taken with our second year students at the close of the session.

All students must take in full the branches of the fourth year.

## GRADUATION.

Candidates for the Degree Session '96–'97 must have attended at least three graded courses of lectures in three years. Those entering upon the study of medicine during the session of '95–'96 and thereafter, will be required to take four years. The candidate must be 21 years of age, of good moral character, and have passed satisfactory examinations before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred, subject to the conditions mentioned below:

*The First College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—is conferred by the Faculty on the graduate who stands second.

*The Third College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands third.

*The Fourth College Prize*—a gold medal—is awarded by the Faculty to the graduate who stands fourth.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz., four at the City Hospital, two at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physican to Bay View, with a salary of five hundred dollars with board and lodging, also an assistant resident physician.

## RESIDENT STUDENTS.

Arrangements have been made for twenty students, who will have all the practical advantages of The Baltimore City Hospital at a cost of $25 for a term of six months. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required. The Janitor will assist them in procuring board and lodging in the immediate vicinity of the Hospital.

## YOUNG MEN'S CHRISTIAN ASSOCIATION

Will gladly welcome all students, and furnish any information as to location of all churches and prominent points of interest. Special rates are provided whereby all advantages possessed by the Central Association (two blocks distant) can be had: Gymnasium, baths, various classes, etc.

## COLLEGE FEES.

The charge for the Winter Session is $100, payable on entering. There are no fees for Laboratory work.

The Graduation fee is $30, and must be paid on or before January 1, 1897.

## POST-GRADUATE FEES.

Graduates of other Colleges pay $60 for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required for graduation.

Good board can be had at $3.50 per week. We believe that in no other large city of the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's Office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For futher information, address

PROFESSOR THOMAS OPIE, M. D. DEAN,
*College of Physicians & Surgeons,*
BALTIMORE, MD.

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## CALENDAR.

### 1896.

Wednesday, September 30th—Introductory Lecture, 8 P. M.

Thursday, October 1st—Session begins.

November 26th (Thursday)—Thanksgiving Day—holiday.

Saturday, December 19th—Lectures close for Christmas holidays.

### 1897.

January 2d—Thursday Lectures resumed.

February 22d—Washington's Birthday—holiday.

March 31st—Session closes.

# CLASS OF 1895-'96.

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Alison, J. S | La | 3 | Dr. J. W. Allen. |
| Allison, C. E | Pa | 1 | C. P. & S. |
| Ames, W. C | Va | 3 | B. C. D. S. |
| Arbaugh, E. V | Ohio | 1 | Dr. T. Hoskins. |
| Arnold, J. S | Pa | 3 | Dr. J. O. Nipple. |
| Ashworth, F. D | Cal | 3 | B. C. D. S. |
| Austin, J. C | Vt | 3 | Drs. Holton and Conland. |
| Bailey G. M | R. I | 2 | Dr. S. Smith. |
| Baker, C. C | Texas | 2 | B. C. D. S. |
| Baker, W. F | Pa | 1 | B. C. D. S. |
| Banker, L. D. S | N. Y | 3 | C. P & S. |
| Barnes, F. L | Texas | 3 | Dr. C. C. Comer. |
| Barnes, W. N | N. Y | 1 | B. C. D. S. |
| Barry, E. W | Mass | 2 | Dr. W. H. McCarthy. |
| Barry, J. J | R. I | 1 | Dr. P. F. Kinion. |
| Bartlett, D. F | N. Y | 3 | C. P. & S. |
| Barton, W. J | N. S | 3 | Dr. W. G. Barton. |
| Bebout, T. W | N. J | 2 | Dr. F. C. Jones. |
| Beck, H. G | Pa | 3 | Dr. Wm. Simon. |
| Bergot, E. F | Pa | 2 | B. C. D. S. |
| Berndt, D. A | Ohio | 3 | Dr. J. N. N. Crawford. |
| Bickerstaff, J. H | Ala | 2 | Dr. S. M. Hogan. |
| Blanchard, J. A | La | 2 | Dr. T. E. Schumpert. |
| Boisveen, Philip | Mass | 1 | Dr. L. D. La Boute. |
| Booth, C. L | Col | 2 | C. P. & S. |
| Bowerman, E. A. (M. D.) | N. Y | — | C. P. & S. |
| Brawner, J. N | Ga | 1 | Dr. H. R. Slack. |
| Brennan, J. J | Pa | 1 | Dr. M. A. Carroll. |
| Broad, J. G | Pa | 3 | B. C. D. S. |
| Brobst, W. B | Pa | 2 | Dr. J. A. Brobst. |
| Brown, E. F | N. H | 2 | C. P. & S. |
| Brown, H. S | N Y | 1 | Dr. G. E. Day. |
| Burt, S. P | N. C | 3 | Dr. J. R. Wheless. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| CALLAWAY, P. | W. Va | 1 | B. C. D. S. |
| CAMPBELL, ED. | Mass. | 1 | C. P. & S. |
| CAMPBELL, P. M. | Mass. | 1 | C. P. & S. |
| CANBY, C. B. | Md | 3. | Drs. C. H. Jones & G. J. Preston. |
| CAREY, C. J. | Md | 2 | C. P. & S. |
| CATHCART, J. A. | Pa. | 2 | Dr. R. E. Harbison. |
| CHALFANT, F. H. | W. Va | 2 | C. P. & S. |
| CHRISTIE, AL. | Ga | 2 | Dr. H. M. Branham. |
| CLARK, A. W. (M. D.) | N. B | — | C. P. & S. |
| CLARK, W. P. | Conn | 3 | Jefferson Medical College. |
| CLOONAN, J. J. | Conn | 2 | Dr. T. F. Kane. |
| CLUNE, W. M | Ont | 3 | Dr. P. J. Clune. |
| COBEY, J. C. | Md | 3 | Georgetown Medical College. |
| COCHEL, CHESTER | Md | 1 | B. C. D. S. |
| COCHEL, V. O. | Md | 2 | B. C. D. S. |
| COFFMAN, W. H. (M. D.) | Va | — | C. P. & S. |
| COGGINS, J. C. | Md | 3 | Dr. G. A. Hartman. |
| COHEN, H. M. | Md | 3 | Dr. G. T. Atkinson. |
| COLSON, J. H. | Fla | 3 | Dr. J. L. Gaskins. |
| COOK, H. F. | Conn | 3 | Dr. A. Gilroy. |
| COOPS, F. H. | N. T | 3 | Dr. G. A. Smith. |
| COPPAGE, W. G. | Md | 2 | C. P. & S. |
| COPPEDGE, C. E. | N. C | 1 | Dr W. E. Edwards. |
| CORNELIUS R. | Neb | 1 | Drs. Martin, Evans & Geer. |
| CORWIN, A. S. | N. J | 1 | Dr. F. E. Knowles. |
| COTTON ALBERTUS | Ohio | 3 | Dr. Vorhes. |
| CRAWFORD, F. H. | Va | 3 | Dr. W. M. Crawford. |
| CRIE, F. L. | Me | 2 | B. C. D. S. |
| CROSSETT, A. T. | Ont | 2 | Dr. J. Holdcrofts. |
| DAHLEN, P. J. | Cal | 1 | B. C. D. S. |
| DAVIS, AYRON, JR. | Mass. | 2 | Dr. F. H. Filton. |
| DAVIS, T. J. | S. C | 2 | Dr. Jas. Woodrow. |
| DELANEY, D. D. | Pa. | 2 | Dr. W. E. Delaney. |
| DELOACH, S. T. | Ga | 1 | Dr. D. S. Clanton. |
| DENSMORE, WM. | Pa. | 1 | Dr. M. F. Creaven. |
| DENUX, G. | La | 2 | B. C. D. S. |
| DIEBOLD, H. A. | N J | 1 | B. C. D. S. |
| DONIGIAN, P. M. | Turkey | — | C. P. & S. |
| DONOHUE, J. J. | Conn | 3 | Dr. P. H. Harriman. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Duff, E. L. | Pa | 3 | Dr. W. L. Duff. |
| Dunlap, V. W | Va | 2 | Drs. J. C. & C. N. Dunlap. |
| Dunning, W. O | N. Y | 1 | B. C. D. S. |
| Dwyer, J. C. V | Conn | 1 | Dr. W. H. Conklin. |
| Edge, C. H | Texas | 2 | B. C. D. S. |
| Edwards, O. T | Va | 2 | University of Virginia. |
| Ekstromer, M | N. Y | 1 | Dr. H. P. Jack. |
| Emilis, C. V | Portugal | 1 | B. C. D. S. |
| Ernst, F. J | Pa | 2 | B. C. D. S. |
| Ewing, E. H | Pa | 2 | Princeton University. |
| Ewing, J. H | Pa | 2 | Dr. J. R. Ewing. |
| Fallon, C. H | N. J | 3 | Dr. E. K. Fischer. |
| Fearing, I | N. C | 3 | Dr. R. A. Cartwright. |
| Feindel, J. C | N. S | 2 | C. P. & S. |
| Fernandez, L. P | N. Y | 3 | Dr. G. J. Gorman. |
| Fleich, Oscar | N. Y | 2 | C. P. & S. |
| Fogle, F. M | W. Va | 3 | Dr. J. B. Fogle. |
| Ford, W. C | Va | 3 | C. P. & S. |
| Foringer, H. S | Pa | 3 | Dr. H. H. Foringer. |
| Frame, H. J | N. Y | 3 | Dr. S. W. Frame. |
| Frazier, H. B | Va | 2 | Dr. J. B. Kirk. |
| Frederick, S | Germany | 2 | B. C. D. S. |
| Free, E. M | Pa | 1 | Dr. J. L. Free. |
| Gaffney, M. T | N. J | 2 | Dr. W. O'Gorman. |
| Gage, A. S | Md | 3 | C. P. & S. |
| Galligan, E. J | Mass | 3 | Bellevue Medical College. |
| Gallop, L. J | Va | 3 | University of Virginia. |
| Gardiner, I. H | Md | 2 | C. P. & S. |
| Gilbert, J. V | Ohio | 3 | Dr. M. M. Lown. |
| Gillespie, J. F | N. S | 2 | Dalhousie Medical College. |
| Gledhill, E. C | R. I | 3 | B. C. D. S. |
| Golley, J. E | Md | 3 | Dr. J. V. Knott. |
| Goodman, B. A | Md | 3 | Dr. Edwin Geer. |
| Gormley, F. P | R. I | 1 | B. C. D. S. |
| Gose, I. F | Va | 3 | Dr. R. C. Meade. |
| Gowans, C. A | Utah | 1 | B. C. D. S. |
| Gowans, E. G | Utah | 2 | Brigham Young College. |
| Gray, R. L | N. Y | 2 | Dr. G. M. Combs. |
| Greene, W. O | Mass | 1 | Dr. J. H. Carmichael. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| GREGORY, Samuel | Pa | 3 | C. P. & S. |
| GUM, W. H. | W. Va. | 2 | Dr. P. D. Hannah. |
| GUPTILL, A. E. | Me | 2 | B. C. D. S. |
| GWYNN, M. K | Md | 2 | Dr. J. H. Branham. |
| HADDOCK, W. H. | Fla | 3 | Dr. C. Gaynor. |
| HAIN, GALEN | Pa | 1 | Dr. E. B. Smith. |
| HAIZLIP, J. H. | N. C | 2 | C. P. & S. |
| HALL, F. J. | Texas | 2 | Dr. H. W. Wandless. |
| HALPER, C. J. | Conn | 2 | Drs. Ruhräh and La Boute. |
| HAMLIN, W. E. | Mass | 2 | Dr. W. J. Bolton. |
| HANKINS, HOWARD | N. J | 3 | Dr. Wm. Newell. |
| HARDY, L. D., M. D. | Va | — | Hahnemann College. |
| HARPER, F. W. | Pa | 3 | Dr. C. B. Bastian. |
| HAUSER, B. B. | N. C | 2 | C P. & S. |
| HAYNES, R. A. | W. Va | 3 | Dr. T. M. Hood. |
| HEMEON, F. C. | N. S | 2 | Dr. E. W. Dwight. |
| HEMMEON, J. A. M. | N. S | 3 | Dalhousie Medical College. |
| HENRY, W. T. | Md | 3 | C. P. & S. |
| HERING, L. A. | N. J | 2 | Dr. A. V. Wendel. |
| HERROD J, F | Pa | 1 | Dr. A. S. Fichtner. |
| HESS, G. H | Pa | 2 | Dr. F. G. Moyer. |
| HITCH, J. M | Del | 2 | Dr. W. J. Hitch. |
| HOFFMAN, ED | Pa | 3 | Dr. O. L. Muffly. |
| HOFFMAN, E. A | N. Y | 3 | Dr. E. H. Howard. |
| HOKE, W. A | N. Y | 2 | Dr. N. S. Messenger. |
| HOLDSWORTH, J. C | Pa | 3 | Dr. C. W Spoyd. |
| HOLTON, H. W | Conn | 3 | Yale Medical College. |
| HORTON, W. C | N. C | 2 | Dr. G. M. Bell. |
| HOSHALL, J. L | Pa | 1 | Dr. S. M. Free. |
| HOWE, W. R | Mon | 1 | Dr. A. H. Morgan. |
| HOWLETT, THOS | P. E. I | 2 | Dr. L. R. Jenkins. |
| HOYT, A. S | N. Y | 1 | C. P. & S. |
| HUARD, J. E | Mass | 3 | Dr. R. W. Jackson. |
| HUBBARD, HARRY | Ohio | 1 | C. P. & S. |
| HUDSON, B. B | Ga | 2 | Dr. C. B. Raines. |
| HUGHES, S. F. | R. I. | 1 | Dr. F. A. McKenna. |
| HULSE, F. V | N. Y | 1 | B. C. D. S. |
| HUMPHREY, T. S | Pa | 3 | Dr. W. J. Humphrey. |
| HUMPHREYS, GEO | Pa | 3 | Dr. J. M. Cooley. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| HUNT, REID | Ohio | 3 | Johns Hopkins, University. |
| HUNTER, E. D. | Va | 3 | Dr. H. F. Hunter. |
| HYSLUP, J. E | Va | 1 | B. C. D. S. |
| JACKSON, W. A., JR | Md | 3 | C. P. & S. |
| JEFFERS, ED | N. S | 2 | C. P. & S. |
| JENSLN, CHAS | Utah | 1 | Drs. Allen & Cassady. |
| JOHNSTON, J. M | Pa | 3 | Dr. G. W. Lupfer. |
| JONES, F. E | Me | 3 | C. P. & S. |
| KASZYNSKI, JACOB | Ills | 2 | C. P. & S. |
| KEIRLE, N. G., JR | Md | 1 | Dr. N. G. Keirle. |
| KELLEY, J. W | Mass | 2 | Dr. M. J. Fallon. |
| KELLY, W. A | Va | 2 | B. C. D. S. |
| KELSEY, H. E | N. C | 2 | Dr. E. A. Bogue. |
| KEMERER, M. E | Pa | 3 | Dr. W. Reber. |
| KENNEDY, A. G | N. S | 2 | Halifax Med. College. |
| KENNEDY, C. D | S. C | 2 | Dr. L. N. Kennedy. |
| KENNEDY, E. A | Mass | 3 | Dr. D. H. Sullivan. |
| KENNY, S. A | Mass | 2 | Dr. Barry. |
| KENT, C. W | Pa | 1 | Dr. B. F. Hilliard. |
| KILBOURN, J. A | Conn | 2 | Dr. W. Mays. |
| KING, M. D | N. C | 3 | Dr. J. C. Clapp. |
| KISNER, A. O | Pa | 3 | Dr. O. L. Muffly. |
| KLAESIUS, K | Md | Special | C. P. & S. |
| KLESA, W. A | Pa | 3 | Dr. E. H. Ashcraft. |
| KOEHLERT, W. H | Md | 2 | Md. College of Pharmacy. |
| KOELLER, R. E | Texas | 1 | Dr. A. Smidt. |
| KOONCE, S. E | N. C | 3 | Dr. R. A. Whitaker. |
| KOONTZ, C. M | Md | 1 | C. P. & S. |
| KNAPP, H. C | N. Y | 3 | Dr. Quinby. |
| KNAPP, R. S | Pa | 1 | Dr. Chidester. |
| KNOWLES, J. C | Del | 2 | Dr. E. Shipley. |
| LACY, J. W | England. | 3 | Dr. G. T. Fales. |
| LAPE, F. T | N. Y | 3 | A. C. P. |
| LAMB, T. J | Pa | 3 | Dr. P. J. Kearney. |
| LANKTON, L. S | N. Y | 2 | Syracuse University. |
| LAW, SKELTON | Md | 2 | Dr. J. H. Branham. |
| LAW, W. F | N. Y | 3 | Dr. Reynolds. |
| LEAHY, W. J | Conn | 1 | Dr. E. K. Parmlee. |
| LEARY, W. J., JR | N. C | 2 | Dr. J. H. McMullan. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| LEE, E. G | Va | 2 | B. C. D. S. |
| LEITCH, J. W | Md | 3 | Dr. E. Paddy. |
| LEONARD, B. F | N. S | 2 | Dr. W. H. Cole, |
| LEONARD, J. M | Mass | 1 | Dr. M. Cummings. |
| LEONARD, W. J | Mass | 3 | Dr. A. J. Dunane. |
| LINDSAY, M. M | Tenn | 2 | B. C. D. S. |
| LITSINGER, G. M | Md | 2 | Dr. J. B. Butler. |
| LOCKWOOD, M. M | N. Dak | 3 | Dr. C. B. Harris. |
| LOPER, A. C | N. Y | 3 | C. P. & S. |
| LOVETT, G. G. | W. Va | 2 | W. Va. University. |
| LOVE, E. H | N. W | 2 | C. P. & S. |
| LOWE, T. S | Pa | 3 | Dr, T. S. Latimer. |
| LOWREY, J. M | Ga | 2 | Dr. W. B. Parks. |
| MCCALLION, G. W | N. J | 3 | Dr. J. W. Kirk. |
| MCCARTHY, J. J | Conn | 3 | Dr. W. J. Delaney. |
| MCCUSKEY, L. H | W. Na | 2 | Dr. C. Hutchinson. |
| MCDERMOTT, B. F | R. I | 2 | Dr. D. H. Sullivan. |
| MCELRATH, P. J | W. Va | 3 | B. C. D. S. |
| MCELROY, M. H | R. I | 1 | B. C. D. S. |
| MCGHEE, J. B., M.D | Tenn | — | Chattanooga, Med. College. |
| MCGLANNAN, A. W., M.D | Md | — | C. P. & S. |
| MCGREEVEY, W. H | Pa | 2 | Dr. M. H. Murphy. |
| MCKELLAR, G. W | W.Va | 2 | W. Va. University. |
| MCKENNA, S. J | P. E. I | 2 | C. P. & S. |
| MCLANE, F. C | N. J | 2 | Dr. G. E. Christie. |
| MCLARNEY. T. J | Conn | 2 | Dr. W. H. Conklin. |
| MCLAUGHLIN, A. R | N. C | 1 | B. C. D. S. |
| MCNEIL, G. W | Va | 3 | Dr. R. S. Martin. |
| MACDONALD, A. W | Md | 3 | Dr. G. F. Taylor. |
| MACDONALD, C. D | Va | 2 | C. P. & S. |
| MACDONALD, E. J | P. E. J | 1 | C. P. & S. |
| MANSUY, J. L | Pa | 2 | Dr. D. C. Flanagan. |
| MARSH, R. A | S. C | 2 | Drs. Hill & Tompkins. |
| MELCHER, A. E | Ohio | 3 | University of Minn. |
| MERRIET, C. H | Me | 1 | B. C. D. S. |
| MILLER, J. M | Va | 3 | Dr. J. M. Phipps. |
| MILLER, W. E | Ga | 2 | C. P. & S. |
| MISSETT, J. V | Pa | 1 | Dr. T. C. Fitzsimmons. |
| MONTGOMERY, L. C | W. Va | 2 | C. P. & S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Moore, E. H | Del | 2 | Jefferson Med. College. |
| Morfit, J. C., M.D | Md | — | C. P. & S. |
| Morrissey, M. J | Conn | 2 | Dr. E. M. Ripley. |
| Morton, J. C | N. C | 3 | Dr. S. T. Nicholson. |
| Moyer, F. K | Pa | 2 | Dr. E. W. Tool. |
| Monroe, E. L | Fla | 2 | Dr. R. L. Monroe. |
| Murphy, E. V | Mass | 1 | Dr. J. W. Coughlin. |
| Myer, L. A | Md | 2 | Dr. B. Myer. |
| Naughton, J. P | Minn | 3 | Dr. J. C. Adams. |
| Neal, J. P | Md | 3 | Dr. L. A. Griffith. |
| Neiman, L. A | N. Y | 3 | C. P. & S. |
| Newth, J. H | Pa | 3 | Dr. E. J. Butler. |
| Nichols, S. A | Md | 3 | 0 Dr. J. M. B. Rogers. |
| Normand, J. N | Mass | 3 | Dr. J. B. Chagnon. |
| Nowlin, J. B. Jr | Va | 3 | Dr. G. M. Preston. |
| Nye, J. H. (M. D.) | N. Y | — | C. P. & S. |
| O'Brien, J. F | Conn | 2 | Dr. W. H. Conklin. |
| O'Connor, D. F | Mass | 2 | Dr. M. J. O'Meara. |
| O'Connor, J. F | Mass | 3 | Dr. W. Jacques. |
| O'Dea, P. J | Pa | 2 | Dr. A. H. Morgan. |
| Packard, G. H | Mass | 2 | C. P. & S. |
| Palmer, F. R | Del | 3 | Dr. D. D. Palmer. |
| Palmer, L. F | Md | 2 | B. C. D. S. |
| Payne, J. B | W. Va | 3 | Dr. M. J. Bartlett. |
| Peabody, R. S | Conn | 3 | B. C. D. S. |
| Peek, L. A | Fla | 2 | Dr. P. A. McIntosh. |
| Perry, P. C | Fla | 2 | Dr. W. R. Chalker. |
| Person, J. E. (M. D.) | N. C | — | C. P. & S. |
| Pickett, J. C | Ohio | 3 | Drs. Primrose & Hyde. |
| Pilkey, B. C | N. Y | 3 | Dr. M. J. Wilson. |
| Porter, C. R | Ala | 2 | Drs. Crook & Ayres. |
| Prince, S.E | La | 3 | Dr. T. E. Schumpert. |
| Purdum, C. C | Mass | 3 | Dr. J. M. Watson. |
| Quinn, W. L | Pa | 3 | C. P. & S. |
| Quirk, M. A | N. Y | 1 | Dr. J. P. Conboy. |
| Rastatter, P. F | Pa | 1 | Dr. G. R. Garriers. |
| Raynes, M. B | Me | 3 | C. P. & S. |
| Rebuck, Charles | Pa | 3 | Dr. C. E. L. Keene. |
| Rhein, E. R | Pa | 1 | B. C. D. S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Rice, A. C. | Pa | 3 | Dr. G. L. Rice. |
| Rice, L. G. | Ky | 1 | Dr. J. M. Foster. |
| Ringgold, R. C. | Md | 2 | Dr. F. H. Brayshaw. |
| Robison, G. E. | Utah | 1 | Dr. S. H. Allen. |
| Rogers, J. T. | Ga | 1 | Dr D. S. Clanton. |
| Robston, W. J. | Ont | 3 | Dr. C. H. Dorland. |
| Rowe, M. J. | Conn | 3 | Dr. H. Gilroy. |
| Rowles, R. B. | Ohio | 1 | Dr. J. H. Martin |
| Rowse, H. E. | Conn | 3 | Dr. E. H. Davis. |
| Ruhrah, John, M. D. | Md | — | C. P. & S. |
| Russell, Ben | Ills | 3 | Dr. F. J. Weatherly. |
| Russell, E. J. | Md | 3 | Dr. J. H. Branham. |
| Ryle, J. M. | Conn | 2 | Dr. F. Schavoir. |
| Samuels, A. | Md | 2 | Md. College of Pharmacy |
| Sands, G. M. | Md | 3 | Dr. L. F. Ankrim. |
| Satterfield, V. J. | Miss | 2 | B. C. D. S. |
| Scanland, J. M. | La | 2 | Dr. T. E. Schumpert. |
| Schaefer, J. E. | Pa | 3 | Dr. W. F. Kunkle. |
| Schmidt, C. W. | Md | 1 | Dr. R. P. Smith. |
| Sellman, J. P., Jr. | Md | 3 | Dr. A. G. Harley. |
| Shanahan, E. J. | Mass | 3 | Dr. E. J. Welch. |
| Shaughnessy, C. R. | N. B | 1 | B. C. D. S. |
| Shehadi, Iskander | Syria | 3 | Syrian Prot. College. |
| Shirkey, C. P. | W. Va | 3 | Dr. D. W. Shirkey. |
| Shugart, C. C. | N. C | 2 | B. C. D. S |
| Silver, M. E. | Iowa | 2 | Dr. W. Jepson. |
| Simpers, H. G. | Md | 1 | Dr. W. F. Hines. |
| Simpson, Louis | Ohio | 2 | C. P. & S. |
| Smallwood, J. L. | Md | 1 | C. P. & S. |
| Smith, Archibald, Jr. | Ga | 2 | University of Ga. |
| Smith, H. E. | Pa | 1 | B. C. D. S. |
| Smith, Leonard | N. S | 3 | Dr. A. A. Arbuckel. |
| Solt, W. J. | Pa | 3 | C. P. & S. |
| Stallings, E. A. | Ala | 3 | B. C. D. S. |
| Stampfl, Geo | Germany | 2 | Dr. Faber. |
| Stanton, T. F. | Conn | 3 | Dr. W. J. O'Hara. |
| Starkweather, C. L. | N. Y | 3 | Dr. Chas. Sanders. |
| Stuart, George | Va | 3 | Dr. J. M. Phipps. |
| Stuart, H. C. | Ga | 3 | Dr. J. D. Herrman. |

| *Name* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| STUMBAUGH, W. D | Iowa | 2 | Dr. Moore. |
| STUNKARD, HARRY | Pa | 3 | Dr. J. A. Newcome. |
| SULLIVAN, J. J | Pa | 2 | Dr. J. J. Sullivan. |
| SWANN, J. F | N. C | 3 | Dr. J. E. McLaughlin. |
| SWAYZE, A. A | N. J | 2 | Dr. R. L. Cook. |
| TALBOTT, D. R | Md | 2 | C. P. & S. |
| TATE, A. M | Ga | 1 | Dr. A. S. J. Stovall. |
| THIEME, G. C | Md | 3 | Dr. F. C. Bressler. |
| THOMPSON, C. A | N. C | 3 | B. C. D. S. |
| THOMPSON, C. A | N. B | 3 | Dr. J. S. Thorne. |
| THOMPSON, J. B | N. C | 1 | Dr. W. A. Thompson. |
| TICE, C. H | N. Y | 1 | B. C. D. S. |
| TINSLEY, E. O | Va | 2 | Dr. I. E. Huff. |
| TITUS, C. W | N. J | 2 | Dr. W. Titus. |
| TOWBERMAN, D. L | Va | 1 | B. C. D. S. |
| TREMBLAY, EMIL | Mass | 1 | Dr. F. D. Fontaine. |
| TUBBS, A. B | Ohio | 2 | C. P. & S. |
| VALK, E. G | Md | 3 | Dr. D. W. Snowden. |
| VAN DEVENTER, V. H | Va | 3 | Dr. W. E. Smith. |
| VAN WILLIAMS, V | N.Y | 2 | Dr. G. S. Youngling. |
| VINAL, W. H | Mass | 2 | C. P. & S. |
| VOEGTLEN, P. G | N. J | 3 | Jefferson Med. College. |
| VOORHESS, G. S | Pa | 1 | Dr. Sherman Voorhess. |
| WALKER, EVERETT | W. Va | 2 | Drs. Baufield & Taylor. |
| WALL, A. C | R. I | 3 | B. C. D. S. |
| WALL O. E | R. I | 1 | B. C. D. S. |
| WALLS, J. M | Texas | 3 | Dr. C. O. Mathews. |
| WATKINS, J. P | Ala | 2 | Drs. Palemer & Watkins. |
| WATSON, D. F | N. C | 2 | B. C. D. S. |
| WATSON, E. F | N. C | 1 | B. C. D. S. |
| WELLEN, H. | Va | 1 | Dr. C. N. Dunlap. |
| WENGEB, W. H | Va | 3 | Dr. D. F. Geil. |
| WHEELER, H. S | N. H | 2 | Dr. Z. F. Lamb. |
| WHITE, E. | Mass | 2 | Dr. P. P. & R. C. White. |
| WHITE, J. M | MD | 3 | Dr. J. H. Stonestreet. |
| WHITEFORD, L. I | MD | 2 | Dr. A. H. Whiteford. |
| WHIECHEAN, G. C | Wis | 2 | C. P. & S. |
| WILLARD, E. G | MD | 1 | Dr. Edwin Geer. |
| WILLIAMS, G. D | N. C | 2 | C. P. & S. |
| WILLIAMS, J. K | Can | 2 | B. C. D. S. |
| WILLIAMS, P | Conn | 3 | Dr. F. D. Langer. |
| WOLF, WM | MD | 3 | Dr. J. Friedenwald. |
| WOOFTER, J. A | W. Va | 1 | Dr. Geo. Snyder. |
| YOUNG, J. J. JR | N. C | 2 | Dr. E. N. Booker. |
| ZIMMERMAN, CHAS | Pa | 3 | B. C. D. S. |
| ZUFALL, S. J | Pa | 2 | B. C. D. S. |

# GRADUATING CLASS, 1896.

Abner, J. S.....La.
Arnold, J. S.....Pa.
Austin, J. C.....Vt.
Barnes, F. L.....Texas.
Barton, W. J.....N S.
Beck, H. G. .....Pa.
Berndt, D. A.....Ohio.
Burt, S. P.....N. C.
Clune, W. M.....Ont.
Cobey, J. C.....Md.
Coggins, J. C.....Md.
Cohen, H. M.....Md.
Colson, J. H..... ....Fla.
Cook, H. F..... .....Conn.
Coops, F. H. .....N. S.
Cotton, Albertus.....Ohio.
Crawford, F. H.....Va.
Donohue, J. J.....Conn.
Fearing, I.....N. C.
Fernandez, L. P.....N. Y.
Fogle, F. M..... ... .....W. Va.
Ford, W. C.....Va.
Foringer, H. S.....Pa.
Frame, H. J.....N. Y.
Galligan, E. J.....Mass.
Gilbert, J. V.....Ohio.
Golley, J. E.....Md.
Gose, I. F.....Va.
Gregory, Samuel.....Pa.
Haddock, W. H.....Fla.
Hankins, Howard.....N. J.
Harper, F. W.....Pa.
Haynes, R. A.....W. Va.
Hemmeon, J. A. M.....N. S.
Henry, W. T.....Md.
Hoffman, Edward.....Pa.
Hoffman, E. A.....N. Y.
Holdsworth, J. C.. .....Pa.
Huard, J. E.....Mass.
Humphreys, George.....Pa.
Hunt, Reid. .....Ohio.
Jackson, Jr., W. A.....Md.
Johnston, J. M.....Ba.
Kennedy, E. A.....Mass.
Kisner, A. O.....Pa.
Klesa, W. A.....Pa.
Knapp, H. C.....N. Y.
Koonce, S. E.....N. C.
Lacy, J. W.....England.
Lamb, T. J.....Pa.
Lape, F. T.....N. Y.
Law, W. F.....N. Y.
Leitch, J. W.....Md.
Leonard, W. J .....Mass.
Lockwood, M. M.....N. D.
Loper, A. C.....N. Y.
McCallion, G. W.....N. J.
McCarthy, J. J.....Conn.
McNeil, G. W.....Va.
Macdonald, A. W. .... .....Md.
Melcher, A. E.....Ohio.
Miller, J. M.....Va.
Naugbton, J. P.....Minn.
Newth, J. H.....Pa.
Normand, J. N.....Mass.
Nowlin, Jr., J. B..... .Va.
O'Connor, J. F.....Mass.
Palmer, F. R..... .....Del.
Payne, J. B.....W. Va.
Pickett. J. C.....Ohio.
Pilkey, B. C.....N. Y.
Prince, S. E.....La.
Purdum, C. C.....Mass.
Quinn, W. L.....Pa.
Raynes, M. B..... .....Me.
Rebuck, Charles.....Pa.
Rowe, M. J.....Conn.
Rowse, H. E.....Conn.
Russell, Ben.....Ills.
Schaefer, J. E.....Pa.
Sellman, Jr., J. P.....Md.
Shanahan, E. J.....Mass.
Shehadi, Iskander .... .....Syria.
Shirkey, C. P.....W. Va.
Smith, Leonard.....N. S.
Solt, W. J.....Pa.
Stanton, T. F.....Conn.
Stuart, George.....Va.
Stunkard, Harry.....Pa.
Swann, J. F.....N. C.
Thieme, G. C.....Md.
Thompson, C. A.....N. B.
Van Deventer, V. H..... ....Va.
Voegtlen, P. G.....N. J.
Walls, J. M.....Texas.
Wenger, W. H.....Va.
Williams, Pearl.....Conn.
Wolf, William.....Md.

## PRIZES AWARDED.

| | |
|---|---|
| First College Prize, Gold Medal | Albertus Cotton. |
| Second " " " | F. L. Barnes. |
| Third " " " | F. H. Coops. |
| Fourth " " " | J. A. M. Hemmeon. |

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## WORTHY OF HONORABLE MENTION.

D. A. Berndt,
Reid Hunt,
J. C. Austin,
J. B. Nowlin, Jr.
R. A. Haynes,
J. E. Golley,
H. G Beck,
W. J. Leonard.

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## SUMMARY.

| | |
|---|---|
| First Year of the four Years Curriculum | 75 |
| Second Year | 132 |
| Third Year | 133 |
| Post Graduates | 12 |
| Total | 352 |

# ALUMNI ASSOCIATION,

# COLLEGE OF PHYSICIANS AND SURGEONS.

## OFFICERS FOR 1896–1897.

*President* ..... W. H. BOBBITT, M. D.
*Vice-Presidents* ..... { ALBERTUS COTTON, M. D.
F. L. BARNES, M. D.
*Secretary* ..... JOHN RUHRÄH, M. D.
*Assistant Secretary* ..... JOHN C. MORFIT, M. D.
*Treasurer* ..... RICHARD F. GUNDRY, M. D.
*Executive Committee* ..... { FRANK DYER SANGER, M. D.
L. GIBBONS SMART, M. D.
CHARLES F. BLAKE, M. D.
*Committee on Prize Essays* .... { J. W, CHAMBERS, M. D.
JULIUS FRIEDENWALD, M. D.
W. WAYLAND FRAMES, M. D.

The objects of this Association are to advance the interests and extend the influence of the College of Physicians and Surgeons, to encourage a high standard of medical education and perpetuate college friendships.

A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '97. Due notice will be given each member.

Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually are requested to write to the Dean.

Physicians who may obtain normal or pathological specimens of interest are requested to send them to the college. Specimens will be labelled with the name of the donor and be preserved in the museum.

THOMAS OPIE, M. D., DEAN.

# The Baltimore College of Dental Surgery

**Chartered by the Legislature of Maryland in 1839.**

## The Oldest Dental College in the World.

### FACULTY.

M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D. D. S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M. D., D. D. S., Professor of Dental Surgery and Operative Dentistry.
THOMAS S. LATIMER, M. D., Professor of Physiology and Comparative Anatomy.
WILLIAM SIMON, Ph. D., M. D., Professor of Chemistry.
CHARLES F. BEVAN, Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
GEORGE H. ROHE, M. D., Professor of Materia Medica.

### LECTURERS.

R. BAYLY WINDER, Phar. G., D. D. S. Materia Medica.
WM. F. SMITH, A. B., M. D., Regional Anatomy.
J. N. FARRAR, M. D., D. D. S., Irregularities.
JOHN H. MEYER, D. D. S., Continuous Gum.
DR. GEORGE EVANS, Crown and Bridge Work.
G. MARSHALL SMITH, D. D. S.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

### CLINICAL INSTRUCTORS.

T. S. WATERS, D. D. S., Chief Clinical Instructor, Resident, Md.

CORYDON PALMER, D. D. S.....Ohio.
E. PARMLY BROWN, D. D. S.....N. Y.
A. L. NORTHROP, D. D. S.....N. Y.
E. L. HUNTER, D. D. S.....N. C.
W. W. WALKER, D. D. S.....N. Y.
DAVID GENESE, D. D. S.....Md.
F. C. BARLOW.....N. J.

C. M. GINRICH, D. D S .. Resident, Md.
J. HALL MOORE, M. D.....Va.
R. B. DONALDSON, D D. S.....D. C.
H. A. PARR, D. D. S.....N. Y.
J. EMORY SCOTT, D. D. S.....Md.
C. L. ALEXANDER, D. D. S.....N. C.
C. A. MEEKER, D. D. S.....N. J.

### DEMONSTRATORS.

WILLIAM G. FOSTER, D. D. S., Demonstrator of Operative Dentistry.
GEO. E. HARDY, M. D., D D. S., Demonstrator of Mechanical Dentistry.

### Assistant Demonstrators.

W. W. DUNBRACCO, D. D. S.
W. S. TWILLEY, D. D. S.
GEO. V. MILHOLLAND, D. D. S.
R. O. SADLER, D. D. S.
J. G. SUTHERLAND, D. D. S.
J. K. BURGESS, D. D. S.
E. HOFFMEISTER, D. D. S.
L. M. PARSONS, D. D. S.

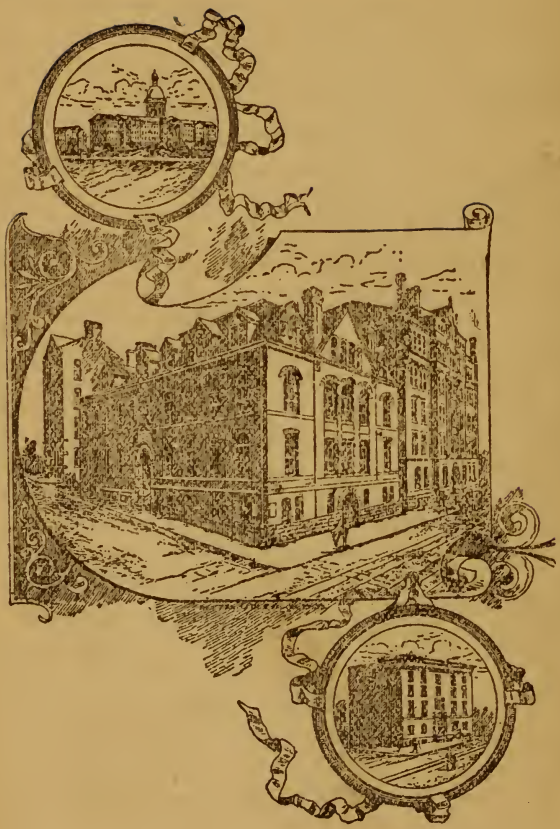
W. F. SMITH, A. B., M. D., Demonstrator of Anatomy.
LOUIS F. ANKRIM, M. D., Assistant Demonstrator of Anatomy.
R. G. DAVIS, M. D., Assistant Demonstrator of Anatomy.

The Fifty-seventh Annual Session will commence on the 1st of October, 1896, and continue until March 20th, 1897.

The Infirmary is open during the entire year for Dental Operations.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

**M. W. FOSTER, M. D., D. D. S., Dean,**
**9 W. Franklin Street, Baltimore, Md.**



# College of Physicians and Surgeons,

## Baltimore, Md.

Aug 1911

# ANNUAL ANNOUNCEMENT AND CATALOGUE.

1897–98.

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BALTIMORE:
THE SUN BOOK AND JOB PRINTING OFFICE.
1897.

## CITY HOSPITAL—VISITING STAFF.

| SURGEONS. | PHYSICIANS. |
|---|---|
| Prof. CHAS. F. BEVAN, M.D., | Prof. THOS. S. LATIMER, M.D., |
| " A. FRIEDENWALD, M.D., | " GEO. J. PRESTON, M.D., |
| " THOS. OPIE, M.D., | " GEO. H. ROHÉ, M.D., |
| " J. W. CHAMBERS, M.D., | " GEO. THOMAS, M.D. |
| " H. FRIEDENWALD, M.D. | |

### PATHOLOGISTS.

Prof. N. G. KEIRLE, A.M., M.D. JULIUS FRIEDENWALD, A.B., M.D.
JOHN RUHRAH, M.D., Bacteriologist.

### HOUSE STAFF.

ALBERTUS COTTON, M.D., Resident Physician.
J. M. SCANLAND, M.D., 1st Assistant Resident Physician.
M. E. SILVER, M.D., 2d Assistant Resident Physician.
E. H. EWING, M.D., 3d Assistant Resident Physician.
T. S. LOWE, M.D., 4th Assistant Resident Physician.

## MATERNITÉ HOSPITAL.

*Visiting Obstetrician*..... .....C. HAMPSON JONES, M.D.,
*Resident Physician*.....J. A. BLANCHARD, M.D.
*Assistant Resident Physician*..... ...EMERSON BOYNTON, M.D.

## BAY VIEW HOSPITAL.

| SURGEONS. | PHYSICIANS. |
|---|---|
| Prof. THOS. OPIE, M.D., | Prof. T. S. LATIMER, M.D. |
| " CHAS. F. BEVAN, M.D., | " G. J. PRESTON, M.D., |
| " A. FRIEDENWALD, M.D., | " GEO. THOMAS, A.M., M.D., |
| " J. W. CHAMBERS, M.D., | " C. H. JONES, M.B. (Edin.), M.D., |
| " W. F. SMITH, A.B., M.D., | " J. FRIEDENWALD, A.B., M.D., |
| " H. FRIEDENWALD, A.B., M.D., | CHAS. F. BLAKE, M.D., |
| " STANDISH McCLEARY, M.D., | H. H. HAYDEN, M.D. |
| " W. S. GARDNER, M.D., | |

### SPECIALISTS.

Prof. GEO. J. PRESTON, M.D., Diseases of the Nervous System.
" THOS. OPIE, M.D., Diseases of Women.
" W. F. SMITH, M.D., Diseases of the Skin and Genito-Urinary Surgery.
" GEO. THOMAS, A.M., M.D., Diseases of the Nose and Throat.
" H. FRIEDENWALD, A.B., M.D., Diseases of the Eye and Ear.
" J. FRIEDENWALD, A.B., M.D., Diseases of the Stomach.

### RESIDENT PHYSICIANS.

A. S. HOTALING, M.D., Resident Physician.
W. H. VINAL, M.D., Assistant Resident Physician.

### DISPENSARY STAFF.

DEPARTMENTS.

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|---|---|
| *Surgery*..... | JOHN BRISCOE, M.D., W. W. REQUARDT, M.D., CHARLES B. CANBY, M.D. |
| *Genito-Urinary Surgery* ..... | S. H. LIKES, M.D., H. M. COHEN, M.D. |
| *Diseases of Children*..... | H. H. HAYDEN, M.D. |
| *Nose, Throat and Chest*.... . ..... | W. T. RILEY, M.D., L. I. WHITEFORD, M.D., A. W. MACDONALD, M.D., G. W. MITCHELL, M.D. |
| *Skin Diseases*..... | H. M. COHEN, M.D., S. H. LIKES, M.D. |
| *Diseases of Women*..... | W. S. GARDNER, M.D. |
| *Nervous Diseases*..... .. | A. S. HODGDON, M.D., C. E. BRACK, M.D. |
| *Practice of Medicine*..... | JULIUS FRIEDENWALD, M.D., M. SAVAGE, M.D., H. H. HAYDEN, M.D., W. H. WENGER, M.D. |
| *Diseases of the Eye and Ear*..... | R. J. MURRAY, M.D., C. W. VOGEL, M.D. |

*Clerk*—E. G. WILLARD. *Druggist*—A. SAMUELS.

# Circular of Special Information.

*Students coming to Baltimore with the purpose of attending lectures at the* COLLEGE OF PHYSICIANS AND SURGEONS, *are advised to come directly to the College Building, Corner Calvert and Saratoga Streets.*

*The Janitor,* MR. CAMPBELL, *will promptly attend to the transfer of baggage and aid students in securing suitable boarding houses. The baggage check may be delivered to him or baggage may be expressed to the College and remain there until a satisfactory boarding house has been decided upon.*

*The Secretary's Office will be opened from September 15th to October 15th, between 10 A. M. and 7 P. M.*

*The college fees are payable in advance and students should come prepared to pay the full fees at the time of matriculation.*

*Sight Drafts, Checks, Express or Postal Orders will be accepted by the Secretary in payment of fees.*

*The arrangement and size of our lecture halls enables us to escape the unfortunate necessity of assigning seats*

*All students should present Credentials bearing upon the Preliminary Entrance Examination.*

*The Catalogue indicates such certificates as will be accepted in lieu of this examination.*

*The second-course student should bring the evidence of previous session or sessions, dissecting and laboratory work.*

*Third and fourth-year students should bring tickets of previous courses, dissecting and laboratory work, and certificates of final examination on primary branches.*

*Those students who have taken a Chemical-Biological Course in a creditable college or university will be admitted to the second year.*

*An acceptable diploma of M. D. is regarded as evidence of final examination on primary subjects.*

*All candidates for the Degree must stand an examination on the subjects of the fourth year as indicated in Catalogue.*

*We suggest a careful reading of the Catalogue.*

*THOMAS OPIE, M. D.*

*Dean.*

# FACULTY.

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynecology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, Ph. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHE, A. M., M. D.,
*Professor of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Operative and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

C. HAMPSON JONES, M. B., C. M. (Edin.) M. D.,
*Professor of Obstetrics.*

W. F. SMITH, A. B., M. D.,
*Professor of Anatomy and Dermatology.*

B. HOLLY SMITH, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as applied to Medicine.*

GEORGE THOMAS, A. M., M. D.,
*Clinical Professor of Diseases of Nose, Throat and Chest.*

HARRY FRIEDENWALD, A. B., M. D.,
*Associate Professor of Diseases of the Eye and Ear.*

JULIUS FRIEDENWALD, A. B., M. D.,
*Associate Professor of Pathology and Clinical Professor of Diseases of the Stomach.*

FRANK C. BRESSLER, M. D.,
*Associate Professor of Practice of Medicine.*

FRANK DYER SANGER, M. D.,
*Demonstrator of Anatomy and Associate Professor of Diseases of Children.*

WILLIAM S. GARDNER, M. D.,
*Associate Professor of Gynecology.*

STANDISH McCLEARY, M. D.,
*Associate Professor of Physiology and Histology.*

W. WAYLAND FRAMES, M. D.,
*Demonstrator of Chemistry.*

H. H. HAYDEN, M. D.,
*Demonstrator of Clinical Medicine and of Osteology.*

CHARLES F. BLAKE, M. D.,
*Assistant Demonstrator of Clinical Surgery and of Anatomy*

SYLVAN H. LIKES, M. D.,
*Demonstrator of Pathology.*

JOHN RUHRAH, M. D.,
*Lecturer on Bacteriology.*

SAMUEL J. FORT, M. D.,
*Demonstrator of Materia Medica.*

ALEXIUS McGLANNAN, M. D.,
*Demonstrator of Histology.*

C. E. BRACK, M. D.,
*Demonstrator of Obstetrics.*

CHARLES W. VOGEL, M. D.,
*Assistant Demonstrator of Anatomy.*

H. M. COHEN, M. D.,
*Prosector of Anatomy.*

ELIJAH J. RUSSELL, M. D.,
*Prosector of Anatomy.*

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**Instructors in Medicine and Surgery.**

H. FRIEDENWALD, M. D.,
GEORGE THOMAS, M. D.,
W. S. GARDNER, M. D.,
F. C. BRESSLER, M. D.,
J. FRIEDENWALD, M. D.,
F. S. SANGER, M. D.,
H. H. HAYDEN, M. D.
C. F. BLAKE, M. D.,
J. RUHRAH, M. D.,
C. E. BRACK, M. D.,
S. LIKES, M. D.

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**Assistants to the Demonstrator of Anatomy, 1897--98.**

*Ten Graduates of Anatomy (Second Course), Class of '97.*

E. V. MURPHY,
W. D. HARRIS,
J. N. BRAWNER,
C. E. ALLISON,
N. G. KEIRLE, JR.,
M. A. QUIRK,
E. D. CAMPBELL,
J. V. MISSETT,
E. J. MACDONALD,
J. J. BRENNAN.

THOMAS OPIE, M. D.,
*Dean of the Faculty.*
Cor. Calvert and Saratoga Streets.

# College of Physicians and Surgeons.

ANNOUNCEMENT FOR 1897.

This school having adopted the four years' graded course of study in 1895, is now well established on this plan.

The minimum requirement of the Association of American Medical Colleges and most State Boards of Examiners, beginning with 1898, is four full sessions of six months each in four separate years. In view, therefore, of the increased time and expense of a medical education, this school has abandoned the Preliminary Course of Lectures hitherto given and will open its Twenty-sixth Annual Session on Friday, October 1st, 1897, and close promptly March 31st, 1898.

## ORGANIZATION.

The College of Physicians and Surgeons was organized and incorporated under the general laws of the State of Maryland in 1872. The Washington University School of Medicine was established in 1827. In 1878, by act of the Legislature, these two schools were consolidated under the name of College of Physicians and Surgeons, all of the rights, powers and privileges of both being conferred upon the latter.

## THE COLLEGE BUILDINGS.

The College and Hospital facilities comprise :—

The College Building Proper.
The Baltimore City Hospital.
The Hospital for the Colored Race.
The Maternité Hospital.

The College Building Proper has a frontage on Saratoga street of 109 feet and 74 feet on Calvert street.

The combined Hospital and College buildings have a frontage on Calvert street of 200 feet and 154 feet on Saratoga street.

The Maternité Hospital has a frontage of 48 feet by a depth of 120 feet.

In addition to the above buildings, which are under the exclusive control of the College of Physicians and Surgeons, this College shares with the Johns Hopkins University and the University of Maryland the exclusive medical control of Bayview Asylum (the city Almshouse), in which there is provision for 2,000 beds.

## REQUISITES FOR ADMISSION:

An entrance examination in algebra, higher arithmetic, elements of physics, Latin prose and an English composition of two hundred words.

Graduates or matriculants of reputable colleges, or graduates of high schools of the first grade, or normal schools established by State authority, or those who may have successfully passed the entrance examination provided by the statutes of the State of New York, shall be exempt from the above requirements.

Students conditioned in one or more of the branches enumerated as requirements for matriculation shall have time, until the beginning of the second year, to make up such deficiencies; provided, however, that students who fail in any of the required branches in this second examination shall not be entitled to a second course.

Students from other schools not requiring examination for admission must present credentials or be examined as stated above.

Owing to the change of the curriculum from three to four years, the next graduating class will be small, and

unusual clinical advantages will therefore be afforded members of this class.

Graduates and matriculants in schools of Pharmacy, Dentistry and Veterinary medicine are not given advanced standing in this school.

All credits on the required curriculum of this school must be strictly in the line of medical work.

The time requirement should be kept in mind by the student, since six months of actual attendance on the lecture course is essential.

# COURSE OF INSTRUCTION.

## CLINICAL AND DIDACTIC LECTURES.

The regular Winter Session will begin October 1st, 1897, and end March 31st, 1898, and will consist of six lectures daily, didactic and clinical.

At the close of the regular session there will be a Spring Course of six weeks' duration. This course affords unusual opportunities for practical bedside instruction.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors of Bay View, the Hebrew Hospital, the Nursery and the Child's Hospital, of transferring cases of especial interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures, will enable the student to appreciate the practical nature of our school.

The Laboratory courses are complete, and, besides, instruction is given not only in the general but also in the special branches.

The lecture halls are commodious, well ventilated and newly furnished.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors in illustration of their respective branches. After the close

of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

### EYE AND EAR CLINIC.

Clinical instruction is given in the diseases of the eye and ear, embracing exhibition of cases and the demonstration of operations before the general class. Besides the conducting of ward instruction, in which thorough examinations are offered to smaller numbers, the use of the opthalmoscope, perimeter, methods of correcting the errors of refraction, examinations and treatment of diseases of the ear are shown by Prof. A. Friedenwald and Associate-Prof. Harry Friedenwald.

### PHYSICAL DIAGNOSIS.

The Senior Class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of diseases of the heart, throat and lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinations by Prof. George Thomas.

### NERVOUS SYSTEM.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Preston.

### THE GYNÆCOLOGICAL CLINIC.

The wards for white women embrace the entire second floor of the west wing of the City Hospital.

The fourth floor of the City Hospital Annex, which is the hospital for the colored race, is occupied by the colored women. The daily clinic for the Diseases of Women

at the City Hospital Dispensary, in conjunction with the above-named sources, furnishes abundant material for illustrating the various operations of gynæcology before the whole class.

This department is under the management of Prof. Opie.

### OBSTETRIC CLINIC.

In addition to attendance upon labor cases both in and out of the Lying-in Asylum, practical instruction will be given once a week to ward classes in the Lying-in Asylum, affording the student an excellent opportunity of becoming personally familiar by his own experience with the various methods of physical examination of the pregnant woman (inspection, palpation, auscultation, mensuration), and also with the management of the puerperal period and the care of the new-born. Once a week a demonstration will also be given at the college to ward classes in operative obstetrics, and every member of the graduating class will be taught and required to perform the various conservative obstetrical operations (forceps, versions, extractions) under the personal supervision of Prof. Jones.

### OPERATIVE SURGERY.

This course will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of genito-urinary diseases will be treated from both the clinical and didactic standpoints. In addition to this, lectures upon Clinical Surgery will be delivered by Profs. Bevan and Chambers. All operations are performed in the presence of the class.

Special pains will be taken to instruct the students in the art of bandaging, applying splints, and dressing wounds.

### PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical and be done in the dissecting rooms. These latter are open daily during the winter and spring seasons, under the direction of the Professor and Demonstrators of Anatomy. Special instruction is given in Osteology, and a skeleton is provided for each student. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions.

### LABORATORY INSTRUCTION.

Commodious, well-lighted and fully equipped laboratories have been constructed in the new college building and the following practical courses will be given :

### PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration and the nervous system. Students will be taught the use of the microscope and the mode of cutting, staining and mounting sections of normal tissue. A number of carefully prepared sections of all the normal tissues will be shown the class, and each student will receive personal instruction from the Professor and Demonstrators.

Special facilities will be afforded students who desire to do advanced work in this department.

### PATHOLOGICAL LABORATORY.

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demon-

strations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ.* The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the laboratory is constantly open for any students who wish to do special work.

A course in practical Bacteriology will be given in the Pathological Laboratory. This laboratory has been thoroughly equipped with the most modern appliances.

### CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrators. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

### PHARMACY AND MATERIA MEDICA.

In this department the student will be instructed personally in the art of compounding medicines. These lessons are of great value to him in after life, especially so should he become a practitioner of medicine in the country.

### HOSPITAL PRACTICE.

Baltimore, with a population of over a half million inhabitants, affords abundant material for the instruction

of the student, especially in the practical branches of medicine, surgery and obstetrics.

But few medical schools in this country can extend to their classes greater practical advantages than the College of Physicians and Surgeons. It has been the constant aim of its Faculty to increase and utilize its clinical material for teaching purposes, believing that this method of practical instruction is the best for practical work.

The following hospitals are available for clinical purposes, and students not only have the privilege of attending the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:

### THE BALTIMORE CITY HOSPITAL.

This hospital is under the exclusive medical control of the College of Physicians and Surgeons.

It was erected in 1891 on a lot adjoining the college building.

There are seventy admirably equipped private rooms in this institution, and a private ward for white females.

The three public wards occupy the entire west wing of the hospital, and are separated from the east wing, which is exclusively for private patients, by a capacious open court. Each of the public wards has dimensions of 76x27 feet. They are admirably lighted and ventilated, and being situated adjoining the College Amphitheatre, a great variety of medical and surgical cases can be readily brought before the classes for clinical illustration.

Handsome and suitable apartments and thoroughly equipped operating rooms have been provided for the accommodation and treatment of private patients.

The fact that the Baltimore City Hospital is under the management of the Sisters of Mercy is a guarantee that it is kept in excellent order and that everything is done to promote the comfort and welfare of its immates.

## PASTEUR DEPARTMENT.

The Faculty desire to call particular attention to the Pasteur Department which has been recently established at the City Hospital for the preventive treatment of hydrophobia according to Pasteur's method.

The department is under the management of Prof. Latimer, and ample opportunity will be given the student to study the details of the treatment.

The patients are cared for in the City Hospital, and such cases as are in the wards will be subject to observation by students.

Owing to the fact that a great many dogs and other animals suspected to be rabid are brought to the laboratory for examination, the student will have frequent opportunities to see rabid animals and to learn to diagnosticate the disease both by symptoms and laboratory methods.

## HOSPITAL FOR THE COLORED RACE.

This handsome and new structure, which has a capacity of 100 beds, is located on the west side of and connected with the Baltimore City Hospital.

This is the first hospital which has ever been erected in the State of Maryland for the colored race.

The College of Physicans and Surgeons has exclusive medical control over this hospital.

## THE MARYLAND LYING-IN ASYLUM.

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, and one of the first in this country. It is located at 115 West Lombard Street, between Hanover

and Sharp Streets, about five minutes walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetric clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

This institution enables the Professor of Obstetrics and his assistants to teach this branch in accordance with the most recent practical methods adopted. Members of the Graduating Class, after leaving name and address with the Resident Physician at the Lying-in Asylum, will be summoned to the clinic upon the occurrence of a labor case, by prompt messenger service. Students are carefully instructed in the various methods of physical exploration, the management of labor, puerperium, etc., under the strictest antiseptic precautions, and have frequent opportunities of witnessing the obstetrical operations performed on the patients. Attendance on these clinical demonstrations is obligatory.

An outdoor department has been established which largely extends the facilities for practical instruction in obstetrics. Advanced students will be given special charge of cases, under the personal supervision of the Chief of the Outdoor Department.

## BAY VIEW HOSPITAL.

Bay View is situated in the eastern suburbs of Baltimore, and contains 2,000 beds, inclusive of the department for the insane.

Regular clinics are given during the winter and spring sessions by the Faculty of this school. The amphithea-

tres are well lighted and comfortable, and the very large amount of material affords unusual opportunities for practical teaching.

### CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new College Building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and special. A full dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by the fact that the number of patients was 25,128 during the year ending April 30th, 1897.

### NURSERY AND CHILD'S HOSPITAL.

The Nursery and Child's Hospital, located at the corner of Franklin and Schroeder streets, covering over three acres of ground, is devoted entirely to the diseases of infancy and childhood. Its large dispensary affords many interesting cases, while the hospital is always filled. It has accommodation for 150 beds and a number of private rooms suitable for private patients. The medical staff, consisting of Profs. Latimer, Bevan, Friedenwald, Preston and Sanger, enables our students to enjoy its free benefits.

### HEBREW HOSPITAL.

Profs. Friedenwald, Chambers, Opie and Preston are upon the staff of this institution.

### SECOND MARYLAND HOSPITAL FOR THE INSANE.

Prof. Rohé is Medical Superintendent of the institution.

# DIVISION OF STUDIES.

### FIRST YEAR.

Osteology.
Anatomy.
Histology.
Chemistry.
Materia Medica and Pharmacy.
Physiology.
Embryology.

### SECOND YEAR.

Anatomy.
Physiology.
Chemistry.
Bacteriology.
Pathology.
Pharmacology.

### THIRD YEAR.

Practice of Medicine.
Surgery.
Obstetrics.
Hygiene.
Therapeutics.
Applied Anatomy.
Operative Surgery.
Physical Diagnosis.

### FOURTH YEAR.

Practice of Medicine.
Surgery.
Operative Surgery.
Obstetrics.
Gynæcology.
Nervous and Mental Diseases.
Diseases of Eye and Ear.
Dermatology.
Pediatrics.

### WARD CLASSES.

This important branch of instruction has received special attention at the hands of the faculty.

The third and fourth year classes are divided into small sections and are personally instructed by the professors and demonstrators. The following subjects are taught in this manner:

Surgery, Practice of Medicine, Genito-Urinary Surgery, Gynecology, Diseases of the Ear and Eye, Obstetrics, Nose, Throat and Chest, Neurology, Mental Diseases.

### LABORATORY WORK.

FIRST YEAR.—Osteology, Anatomy, Histology, Chemistry, Materia Medica.

SECOND YEAR.—Anatomy, Physiology, Chemistry, Bacteriology, Pathology.

THIRD YEAR.—PRACTICAL WORK.—Clinical Medicine, Hygiene, Operative Surgery, Physiology.

FOURTH YEAR.—CLINICAL WORK.—Medicine, Surgery, Obstetrics, Gynæcology, Nervous Diseases, Diseases of Eye and Ear, Dermatology, Pediatrics.

## EXAMINATIONS.

FIRST YEAR.—Osteology, Histology, Materia Medica, Anatomy, Chemistry, Physiology.

SECOND YEAR.—Anatomy, Physiology, Chemistry, Bacteriology, Pathology, Therapeutics, Pharmacology.

THIRD YEAR.—Hygiene, Therapeutics, Operative Surgery, Physical Diagnosis, Medicine, Surgery, Obstetrics.

FOURTH YEAR.—Medicine, Surgery, Obstetrics, Gynecology, Nervous and Mental Diseases, Diseases of Eye and Ear, Dermatology, Pediatrics.

Students failing to pass a satisfactory examination in any branch must present themselves on the subjects in which they were deficient before entering the next succeeding course.

### TEXT BOOKS.

(*The first named book in each branch is preferred.*)

SURGERY.—American Text-Book of Surgery, $7; Moullin's Treatise on Surgery, $6; Treves' Op. Surg., $7.20; Smith's Op. Surg., $3.20; Jacobson's Op. Surg, $4; Park's Surgery.

PRACTICE OF MEDICINE.—Strumpell, $4.80; Osler, $5.50; Taylor, $2.00; Tyson, Bosworth and Seiler on Nose and Throat, $9.60; Pepper's System, $10; Page's Physical Diagnosis, 5th edit., $1.60.

OBSTETRICS.—Lusk's American Text Book, $4; Pinard's Abdominal Palpation, $1.00.

DISEASES OF WOMEN.—Garrigues, 2d edit.; Thomas and Munde, 5th edit.

ANATOMY.—Gray, Morris, Cunningham, Mackay. Holden's Osteology.

MATERIA MEDICA.—Potter's 5th Editon Materia Medica and Therapeutics.

PHYSIOLOGY,—Kirke's, $3.25; Landois and Stirling, $5.60; Foster, $3.60; Piersol's Histology, $2.89; Stohr Histology, $2.40.

CHEMISTRY AND TOXICOLOGY.—Simon's Manual, $2.60; Charles Simon, Clinical Diagnosis, $2.80; Remsen's Theoretical Chemistry, $1.60; Blyth on Poisons.

DISEASES OF THE EYE AND EAR.—Swanzy on the Eye, $2.50; Fuchs on the Eye, $5; Noyes on the Eye, $4.80; Barr on the Ear; Politzer on the Ear.

SKIN DISEASES.—Rohé and Lord, $1.25; Hyde.

DISEASES OF CHILDREN.—Smith, $3.60.

NERVOUS DISEASES.—Dana, $2.60; Gowers, $6.40; Preston on Hysteria.

MENTAL DISEASES.—Savage on Insanity, $1.60; Stearns on Mental Diseases.

GENITO-URINARY DISEASES.—White and Martin; R. W. Taylor on Veneral Diseases.

PHARMACOLOGY AND THERAPEUTICS.—H. C. Wood, Shoemaker, U. S. Dispensatory.

ELECTRICITY.—Liebig and Rohé on Medical Electricity, $2.

HYGIENE.—Rohé's Text-Book on Hygiene, $3.

PATHOLOGY.—Green, $2.20; Delafield and Prudden, $4.80; Zeigler, $4.40.

BACTERIOLOGY.—Abbott, $1.60; Frankel, $3.00; McFarland Pathogenic Bacteria.

MEDICAL JURISPRUDENCE.—Taylor, $3.60; Reese, $2.40.

POST-MORTEM TECHNIQUE.—Hektoen, $1.75.

MEDICAL DICTIONARY.—Dunglison, $5.60; Keating, $4; Gould, $2.75; Duane, $3.40.

The prices given above are for books in cloth binding, a stronger binding being obtainable at a slight advance.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has an arrangement with the Baltimore College of Dental Surgery (the oldest dental school in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either

## STUDENTS FROM OTHER SCHOOLS.

Students who have attended one course of Lectures in a reputable medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our third year class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previously, must be taken with our second year students.

All students must take in full the branches of the fourth year.

## GRADUATION.

Candidates for the Degree, Session '97–'98, must have attended four graded courses of lectures in four separate years. The candidate must be 21 years of age, of good moral character, and have passed satisfactory examinations before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred by the Faculty.

*The First College Prize*—a gold medal—to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—to the graduate who stands second.

*The Third College Prize*—a gold medal—to the graduate who stands third.

*The Fourth College Prize*—a gold medal—to the graduate who stands fourth.

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz., four at the City Hospital, two at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician to Bay View, with a salary of five hundred dollars, with board and lodging, also an assistant resident physician.

## RESIDENT STUDENTS.

Arrangements have been made for twenty students, who will have all the practical advantages of The Baltimore

City Hospital at a cost of $25 for a term of six months. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required, The Janitor will assist them in procuring board and lodging in the immediate vicinity of the Hospital.

### THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Will gladly welcome all students, and furnish any information as to location of all churches and prominent points of interest. Special rates are provided whereby all advantages possessed by the Central Association (two blocks distant) can be had: Gymnasium, baths, various classes, etc.

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## COLLEGE FEES.

The charge for the Winter Session is $100, payable on entering. There are no fees for Laboratory work.

The Graduation fee is $30, and must be paid on or before January 1, 1898.

## POST-GRADUATE FEES.

Graduates of other Colleges pay $60 for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required for graduation.

Good board can be had at $3.50 per week.

We believe that in no other large city of the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's Office at the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information, address

PROFESSOR THOMAS OPIE, M. D., DEAN,
*College of Physicians and Surgeons.*
BALTIMORE, MD.

## CALENDAR.

### 1897.

September 30th—Introductory Lecture, 8 P. M.
October 1st—Session begins.
November 25th—Thanksgiving Day—holiday.
December 23d—Lectures close for Christmas holidays.

### 1898.

January 3rd—Lectures resumed.
February 22d—Washington's Birthday—holiday.
March 31st—Session closes.

# CLASS OF 1896–'97.

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Allen, R. T. | N. C. | 2 | B. C. D. S. |
| Allison, C. E. | Pa. | 2 | C. P. and S. |
| Anderson, H. B. | Can. | 2 | Dr. A. B. Purdy. |
| Armstrong, J. E. W. | Md. | 2 | B. C. D. S. |
| Arthur, W. P. | Ky. | 3 | Dr. E. S. Moss. |
| Bailey, G. M. | R. I. | 3 | Dr. S. Smith. |
| Baker, W. F. | Pa. | 2 | Dr. G. W. Baker. |
| Barnes, W. H. | N. Y. | 2 | B. C. D. S. |
| Barry, E. W. | Mass. | 3 | Dr. W. H. McCarthy. |
| Barry, J. J. | R. I. | 2 | Dr. Smith. |
| Bartz, C. W. D. | Md. | 1 | Dr. J. C. Morfit. |
| Beach, W. H., Jr. | Md. | 2 | B. C. D. S. |
| Benson, J. P. | Pa. | 1 | C. P. and S. |
| Bernard, H. N. | N. Y. | 2 | Dr. W. C. Wilbur. |
| Bickerstaff, J. H. | Ala. | 3 | Dr. S. M. Hogan. |
| Blanchard, J. A. | La. | 3 | C. P. and S. |
| Boisvenu, Philias | Mass. | 2 | Dr. L. D. Laboute. |
| Booth, C. L. | Col. | 3 | C. P. and S. |
| Boynton, E. | Tenn. | 3 | Dr. Cates. |
| Brady, H. J. | N. C. | 2 | Dr. William Simon. |
| Brawner, J. N. | Ga. | 2 | Dr. H. R. Slack. |
| Brennan, J. J. | Pa. | 2 | Dr. M. A. Carroll. |
| Brightbill, H. R. | Pa. | 2 | B. C. D. S. |
| Brobst, W. B. | Pa. | 3 | Dr. J. A. Brobst. |
| Brown, H. G. | S. C. | 1 | C. P. and S. |
| Brown, H. S. | N. J. | 2 | Dr. G. E. Day. |
| Brownby, R. H. | La. | 2 | Dr. Friedricht. |
| Brownfield, G. H. | W. Va. | 3 | W. Va. University. |
| Brumfield, W. A. | Va. | 3 | Va. University. |
| Buffett, F. | Md. | 1 | Dr. T. A. Councell. |
| Callaway, P. | W. Va. | 2 | B. C. D. S. |
| Campbell, Ed. | Mass. | 2 | C. P. and S. |
| Campbell, P. M. | Mass. | 2 | C. P. and S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| CANBY, C. B. | Md | 3 | Drs. C. H. Jones & G. J. Preston. |
| CAREY, C. J | Md | 3 | Dr. S. Y. Franklin. |
| CARPENTER, H. P | Del | 3 | Pa. University. |
| CHALFANT, F. H | W. Va | 3 | C. P. and S. |
| CHAMBERS, W. H | Pa | 2 | Dr. S. W. Hartt. |
| CHRISTIE, ALF | Ga | 3 | Dr. H. M. Branham. |
| CLARK, D. C | W. Va | 2 | Dr. W. C. Dawson. |
| CLOONAN, J. J | Conn | 3 | Dr. T. F. Kane. |
| CLUNE, T. F | Conn | 2 | B. C. D. S. |
| COLLIER, G. K | N. C | 1 | Dr. T. A. Councell. |
| COLLINS, G | Me | 2 | B. C. D. S. |
| CONOVER, J. C | N. J | 2 | B. C. D. S. |
| COPPAGE, W. G | Md | 3 | C. P. and S. |
| COPPEDGE, C. E | N. C | 2 | Dr. E. Edwards. |
| CORNELIUS, R | Neb | 2 | Drs. Martin, Evans and Geer. |
| CRITTENDEN, S. W | Pa | 2 | Dr. W. A. Klesa. |
| CROSSETT, A. T | Ont | 3 | Dr. J. Holdcroft. |
| CUTLER, A. R | Utah | 2 | L. D. S. College. |
| DAHLEN, P. J | Cal | 2 | B. C. D. S. |
| DAVIS, G. H | Mass | 3 | Dr. W. A. Andrews. |
| DAVIS, MYRON | Mass | 3 | C. P. and S. |
| DAVIS, T. J | S. C | 3 | C. P. and S. |
| DELANEY, D. D | Pa | 3 | Dr. W. E. Delaney. |
| DENEAN, J. C | Ohio | 2 | Dr. J. F. Bucher. |
| DIEBOLD, H. A | N. J | 2 | B. C. D. S. |
| DITTMAN, C. W | W. Va | 2 | Dr. C. L. Hill. |
| DUNLAP, V. W | Va | 3 | C. P. and S. |
| DUNNING, W. O | N. Y | 2 | B. C. D. S. |
| DWYER, J. C. V | Conn | 2 | Dr. R. J. Barry. |
| EDWARDS, O. T | Va | 3 | Va. University. |
| EKSTROMER, M | N. Y | 2 | C. P. and S. |
| ELLIOTT, ALF | Mass | 1 | C. P. and S. |
| ELZAY, O. W | Md | 2 | Dr. O. T. Macdonald. |
| EMILIS, C. V | Portugal | 2 | B. C. D. S. |
| EMMICH, S | Miss | 2 | Dr. G. B. Dorsey. |
| ERICH, A. F | Md | 1 | C. P. and S. |
| EWING, E. H | Md | 3 | Princeton University. |
| EWING, J. H | Pa | 3 | Dr. J. R. Ewing. |
| FEINDEL, J. C | N. S | 3 | C. P. and S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| FINN, J. P | Conn | 2 | B. C. D S. |
| FISHER, D. E. (M. D.) | Pa | — | C. P. and S. |
| FLETCHER, W. B | W. Va | 2 | Dr. W. C. Dawson. |
| FRANCKLE, C. S | N. J | 1 | Dr. G. E. Day. |
| FRAZIER, H. B | Va | 3 | Dr. J. B. Kirk. |
| FRAZIER, J. C | W. Va | 2 | Dr. J. W. Hartigan. |
| FREDRICK, G. H | N. J | 2 | Dr. J. Haydon. |
| FREE, E. M | Pa | 2 | Dr. J. L. Free. |
| FRITZ, A. J | Md | 1 | Loyola College. |
| GAFFNEY, M. T | N. J | 3 | Dr. Wm. O'Gorman. |
| GAGE, A. S | Md | 3 | Dr. A. S. Gage. |
| GALLUP, L. J | Va | 3 | Virginia University. |
| GARDINER, I. H | Md | 3 | C. P. and S. |
| GAYNOR, E. W | Mass | 2 | B. C. D. S. |
| GILLESPIE, J. F | N. S | 3 | Dal. Med. College. |
| GILLIES, C. H | N. Y | 1 | Dr. C. S. Neer. |
| GILLIS, J. C | N. S | 1 | Dr. J. J. Cameron. |
| GODFREY, T. F | Mass | 3 | Dr. C. S. Cutler. |
| GOODMAN, B. A | Md | 3 | Dr. Edwin Geer. |
| GORMAN, B. J | Md | 2 | B. C. D. S. |
| GORMLEY, F. P | R. I | 2 | B. C D. S. |
| GOWANS, C. A | Utah | 2 | Dr. F. M. Davis. |
| GOWMAN, C. P. (M. D.) | Md | — | C. P. and S. |
| GRAD, BENNETT | Pa | 1 | C. P. and S. |
| GRAVES, W. B | N. Y | 1 | Dr. H. H. Smith. |
| GRISHAM, J. K | Tenn | 2 | B. C. D. S. |
| GUM, W. H | W. Va | 3 | C. P. and S. |
| HADDAD, M. N | Syria | 3 | Syrian Prot. College |
| HAIK, Q. E | Syria | 3 | Syrian Prot. College. |
| HAIN, GALEN | Pa | 2 | B. C. D. S. |
| HAIZLIP, J. H | N. C | 3 | C. P. and S. |
| HALL, F. J | Tex | 3 | Dr. H. W. Wandless. |
| HALPER, C. J | Conn | 3 | Drs. McCleary and Williams. |
| HAMAWI, N. A | Syria | 3 | Syrian Prot. College. |
| HARRIS, W. D | N. S | 2 | Dr. Burrows. |
| HAYES, P. G | Ala | 1 | C. P. and S. |
| HEMEON, F. C | N. S | 3 | Dr. E. W. Dwight. |
| HERING, L. A | N. J | 3 | Dr. A. V. Wendel. |
| HERRING, FRANK | N. C | 2 | B. C. D. S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| HERROD, J. F | Pa | 2 | Dr. A. S. Fichtner |
| HERTZBERG, G. R. R | Conn | 1 | Dr. F. Schavoir |
| HESS, G. H | Pa | 3 | Dr. F. G. Moyer. |
| HIGGINS, W. J | Pa | 1 | Dr. A. T. Gillis. |
| HITCH, G. A | Del | 2 | B. C. D. S. |
| HORTON, W. C | N. C | 3 | Dr. G. M. Bell. |
| HOSHALL, J. L | Pa | 2 | Dr. S. M. Free. |
| HOWE, W. R | Mon | 2 | Dr. A. Morgan. |
| HOWLETT, THOS | P. E. I | 3 | Dr. S. R. Jenkins. |
| HUBBARD, Harry | Ohio | 2 | C. P. and S. |
| HUDSON, B. B | Ga | 3 | Dr. C. B. Raines. |
| HUGHES, S. F | R. I | 2 | Dr. F. A. McKenna. |
| HUNTLEY, W. G | Vt | 2 | B. C. D. S. |
| HURLEY, P. E | Mass | 1 | Dr. P. H. Pine. |
| JEFFERS, ED | N. S | 3 | C. P. and S. |
| JENKINS, J. W | N. C | 1 | C. P. and S. |
| JENNINGS, J. A. (M. D.) | Pa | — | Jeff. Med. College. |
| JENSON, CHAS | Utah | 3 | Drs. Allen and Cassaday. |
| JEWETT, J. E | N. B | 2 | Dr. R. B. Winder. |
| JOHNSON, C. E | Va | 2 | B. C. D. S. |
| KASZYNSKI, J | Ill | 3 | C. P. and S. |
| KEARNEY, J. H | N. Y | 3 | Dr. D. Connelly. |
| KEIRLE, N. G., JR | Md | 2 | Dr. N. G. Keirle. |
| KELLEY, J. W | Mass | 3 | Dr. M. J. Fallon. |
| KELLY, J. M | N. Y | 2 | Dr. J. S. Carmichael. |
| KEMERER, M. E | Pa | 3 | Dr. M. Reber. |
| KENNEDY, A. G | N. S | 3 | Halifax Medical College. |
| KENNEDY, C. L | S. C | 3 | Dr. L. N. Kennedy. |
| KENNEDY, T. F | Mass | 1 | Dr. E. A. Kennedy. |
| KENNEY, S. A | Mass | 2 | Dr. Barry. |
| KILBOURN, J. A | Conn | 3 | Dr. Nathan Mayer. |
| KLAESIUS, K | Md | 2 | C. P. and S. |
| KLINE, S | Ohio | 1 | C. P. and S. |
| KNORR, E. A | Md | 2 | M. C P. |
| KNOWLES, J. C | Del | 3 | Dr. E. Shipley. |
| KOEHLER, R. E | Tex | 2 | Dr. A. Sundt. |
| KOEHLERT, W. H | Md | 3 | M. C. P. |
| LANKTON, L. S | Md | 3 | Syracuse University. |
| LAPE, F. T | N. Y | 3 | C. P. & S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| LARKIN, P. A. | Pa | 1 | Dr. J. A. Kelley. |
| LEAHY, W. J | Conn | 2 | Dr. E. K. Parmelee. |
| LEFURGEY, F. A | P. E. I | 2 | Dr. A. A. McIntyre. |
| LEUTZ, R. M | W. Va | 2 | B. C. D. S. |
| LEONARD, B. F | N. S | 3 | C. P. and S. |
| LEVER, R. M | Canada | 2 | P. C. D. S. |
| LITSINGER, G. M | Md | 3 | Dr. J. B. Butler. |
| LOEFFLER, GEO | Md | 2 | B. C. D. S. |
| LONG, D. J | Pa | 3 | Dr. S. B. Wood. |
| LOVETT, G. G | W. Va | 3 | West Virginia University. |
| LOWE, T. S | Pa | 3 | Dr. T. S. Latimer. |
| LOWREY, J. M., JR | Ga | 3 | Dr. W. B. Parkes. |
| LOWRY, S. T | Tex | 1 | Dr. J. McReynolds. |
| LUCKETT, W. M | Tex | 2 | Dr. S. C. Luckett. |
| LUTHER, M. E | Vt | 1 | Dr. F. W. Russell. |
| MACDONALD, C. D | Va | 3 | C. P. and S. |
| MADDEN, WALTER | N. J | 3 | Dr. Wm. Rice |
| MANSUY, J. L | Pa | 3 | Dr. D. C. Flanagan. |
| MARSH, R. A | S. C | 3 | Drs. Hill and Tompkins. |
| MERRITT, C. H | N. Y | 2 | B. C. D. S. |
| MEYER, F. E | Ala | 2 | Dr. M. H. Tuttle. |
| MILLER, C. A | Ill | 3 | Dr. G. S. Miller. |
| MILLER, W. E | Ga | 3 | C. P. and S. |
| MINER, W. H | N. S | 1 | Dr. W. H. Miner. |
| MISSETT, J. V | Pa | 2 | Dr. A. F. Gillis. |
| MORRISON, E. J | Me | 2 | Dr. C. C. Morrison. |
| MORRISSEY, M. J | Conn | 3 | Dr. E. M. Ripley. |
| MORTON, C. R | N. S | 2 | B. C. D. S. |
| MOYER, F. K | Pa | 3 | Dr. E. W. Tool. |
| MURPHY, E. V | Mass | 2 | Dr. J. W. Coughlin. |
| MCCOLLUM, J. R | W. Va | 1 | Dr. A. Bee. |
| MCCUSKEY, L. H | W. Va | 3 | Dr. C. E. Hutchinson. |
| MCDERMOTT, B. F | R. I | 3 | Dr. D. H. Sullivan. |
| MCDONALD, E. J | P. E. I | 2 | C. P. and S. |
| MCELROY, W. H | R. I | 2 | B. C. D. S. |
| MCGREEVY, W. H | Pa | 3 | C. P. and S. |
| MCLARNEY, T. J | Conn | 3 | Dr. W. H. Conklin. |
| MCLAUGHLIN, A. R | N. C | 2 | B. C. D. S. |
| MCLEAN, J. C | N. S | 3 | C. P and S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| NORRIS, J. F | Md | 1 | Dr. James Gerry. |
| O'CONNOR, D. F | Mass | 3 | Dr. M. J. O'Mears. |
| O'CONNOR, J. E | Mass | 1 | C. P. and S. |
| O'DEA, P. J | Pa | 3 | Dr. W. J. Leonard. |
| O'HARA, C. P | Va | 2 | University of Virginia. |
| OSBORNE, E. S | Ga | 2 | University of Georgia. |
| OSBORNE, H. D | Ga | 2 | B. C. D. S. |
| PACKARD, G. H | Mass | 3 | C. P. and S. |
| PARK, W. E | N. Y | 1 | Dr. J. W. Stewart. |
| PARROTT, J. C | S. C | 1 | C. P. and S. |
| PARSONS, M. E | Md | 2 | Dr. L. M. Parsons. |
| PEEK, L. A | Fla | 3 | Dr. P. A. McIntosh. |
| PERKINS, T. W | Ky | 1 | C. P. and S. |
| PERRY, M. L | Ala | 2 | B. C. D. S. |
| PERRY, P. C | Fla | 3 | Dr. W. R. Chalker. |
| POOLE, T. A | Md | 3 | Dr. J. D. Blake. |
| PORTER, C. R | Ala | 2 | C. P. and S. |
| PRITCHETT, J. McD | Ala | 3 | Dr. Cook Benson. |
| QUIRK, M. A | N. Y | 2 | Dr. J. P. Conboy. |
| RASTATTER, P. F | Pa | 2 | Dr. G. A. Garries. |
| REICHARD, L. N | Pa | 2 | West Virginia University. |
| RHEIN, E. R | Pa | 2 | Dr. E. B. Smith. |
| RICE, A. C | Pa | 3 | Dr. Geo. L. Rice. |
| RIDDICK, C. R | N. C | 2 | B. C. D. S. |
| RITTER, T. J | Tex | 2 | B. C. D. S. |
| ROACH, V. A | N. S | 2 | Dr. O. A. Parker. |
| ROBERTS, F. A | Vt | 3 | C. P. and S. |
| ROBERTS, O. B | Vt | 1 | Dr. A. J. Miller. |
| ROBISON, G. E | Utah | 3 | Dr. S. H. Allen. |
| ROGERS, J. T | Ga | 2 | Dr. J. M. McLane. |
| ROHRER, C. W. G | Md | 1 | Dr. W. M. Nihiser. |
| ROWLES, R. B | Ohio | 2 | Dr. J. H. Martin. |
| RUFFIN, J. B | N. C | 1 | Dr. J. H. Mitchell. |
| RUSSELL, E. J | Md | 3 | Drs. Jones and Blake. |
| RUSSELL, E. M | Mass | 1 | C. P. and S. |
| RYAN, C. M | N. Y | 2 | Dr. F. Renolds. |
| SAMUELS, A | Md | 3 | C. P. and S. |
| SCANLAND, J. M | La | 3 | Dr. T. E. Schumpert. |
| SCANLON, M. H | Conn | 1 | Dr. Campbell. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| SCHILD, E. H | Md | 1 | Dr. George Thomas. |
| SEAY, G. E | Va | 2 | B. C. D. S. |
| SHEA, M. H | Mass | 1 | Dr. A. St. George. |
| SHOEMAKER, M. S | Pa | 2 | B. C. D. S. |
| SILVER, M. E | Iowa | 3 | Dr. Wm. Jepson. |
| SIMPERS, H. G | Md | 2 | Dr. W. F. Hines. |
| SIMPSON, B. P | Mass | 2 | B. C. D. S. |
| SMITH, F. W | Md | 1 | Dr. H. H. Hayden. |
| SMITH, H. E | Pa | 2 | Dr. F. S. Statler. |
| STEEVES, E. W | N. B | 2 | C. P. and S. |
| STICK, H. L | Pa | 1 | Dr. W. C. Stick. |
| STRAIGHT, C. W | N. Y | 2 | Dr. M. S. Elkins. |
| STRASHUN, A. (M. D.) | Tenn | — | Tennessee Medical College. |
| SULLIVAN, J. J | Pa | 3 | Dr. J. J. Sullivan. |
| SWAYZE, A. A | N. J | 3 | Dr. R. L. Cook. |
| SYLVIA, A. P | Portugal | 2 | B. C. D. S. |
| TALBOTT, D. R | Md | 3 | C. P. and S. |
| TALHOUK, S | Syria | 3 | Syrian Prot. College. |
| TANKARD, P. W | Va | 2 | B. C. D. S. |
| TATE, A. M | Ga | 2 | Drs. Stovall and Eberhardt. |
| TATUM, C. R | N. Y | 1 | C. P. and S. |
| THOMAYAN, H. H | Asia Minor | 3 | Syrian Prot. College. |
| THOMPSON, J. B | N. C | 2 | Dr. W. A. Thompson. |
| THWAITS, W. L | N. Y | 2 | B. C. D. S. |
| TINSLEY, E. O | Va | 3 | Dr, J. E. Huff. |
| TISE, C. H | N. Y | 2 | B. C. D. S. |
| TITUS, C. W | N. J | 3 | Dr. W. Titus. |
| TOMPKINS, G. R | Mich | 2 | B. C. D. S. |
| TOWBERMAN, D. L | Va | 2 | B. C. D. S. |
| TUBBS, A. B | Ohio | 3. | C. P. and S. |
| TURNER, J. D | W. Va | 1 | C. P. and S. |
| VINAL, W. H | Mass | 3 | C. P. and S. |
| VOORHEES, G. S | Pa | 2 | Dr. S. Voorhees. |
| WADE, WEBSTER | Md | 2 | B. C. D. S. |
| WALLIS, S. R | Md | 1 | C. P. and S. |
| WATKINS, J. P | Ala | 3 | Drs. Palmer and Watkins. |
| WATSON, E. F | N. C | 2 | B. C. D. S. |
| WELLAND, H | Va | — | C. P. and S. |
| WENDEL, V. F | N. J | 2 | B. C. D. S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| WHITE, E | Mass | 3 | Dr. P. P. White. |
| WHITE, E. H | Md | 2 | C. P. and S. |
| WHITE, J. M | Md | 3 | C. P. and S. |
| WHITEFORD, L. I | Md | 3 | Drs. Whiteford and Riley. |
| WIECHMAN, G. C | Wis | 3 | C P. and S. |
| WILLARD, E. G | Md | 2 | Dr. Edwin Geer. |
| WILLIAMS, G. D | N. C | 3 | C. P. and S. |
| WILLIAMS, J. W | Md | 1 | C. P. and S. |
| WILLIS, W. D | Va | 3 | Richmond University. |
| WILLSON, H. G | Md | 1 | Dr. T. A. Counccll. |
| WOOD, A. D. (M. D.) | Va | — | C. P. and S. |
| WOOD, C. A | Pa | 2 | B. C. D. S. |
| WOOD, W. F | Ill | 1 | C. P. and S. |
| YOUNG, C. C | Ala | 2 | B. C. D. S. |
| YOUNG, F. D | Pa | 3 | Dr. W. N. Young. |
| YOUNG, F. W | N. S | 2 | Dr. A. A. Schaffner. |
| YOUNG, J. J | N. C | 3 | Dr. Booker. |

# GRADUATING CLASS, 1897.

Arthur, W. R. ..... Ky.
Barry, E. W. ..... Mass.
Bickerstaff, J. H. ..... Ala.
Blanchard, J. A. ..... La.
Boynton, Emerson ..... Tenn.
Canby, C. B. ..... Md.
Carey, C. J. ..... Md.
Christie, Alfred ..... Ga.
Cloonan, J. J. ..... Conn.
Crossett, A. T. ..... Ont.
Davis, G. H. ..... Mass.
Davis, Myron ..... Mass.
Dunlap, V. W. ..... Va.
Ewing, E. H. ..... Md.
Ewing, J. H. ..... Pa.
Feindel, J. C. ..... N. S.
Frazier, H. B. ..... Va.
Gaffney, M. T. ..... N. J.
Gage, A. S. ..... Md.
Gillespie, J. F. ..... N. S.
Gardiner, I. H. ..... Md.
Gum, W. H. ..... W. Va.
Haddad, M. N. ..... Syria.
Haik, Q. E. ..... Syria.
Haizlip, J. H. ..... N. C.
Hall, F. J. ..... Texas.
Hamawi, N. A. ..... Syria.
Hering, L. A. ..... N. J.
Hess, G. H. ..... Pa.
Horton, W. C. ..... N. C.
Howlett, Thos. ..... P. E. I.
Hudson, B. B. ..... Ga.
Jeffers, Ed. ..... N. S.
Kaszynski, J. ..... Ill.
Kelley, J. W. ..... Mass.
Kemerer, M. E. ..... Pa.
Kennedy, A. G. ..... N. S.
Kennedy, C. L. ..... S. C.
Kilbourn, J. A. ..... Conn.
Knowles, J. C. ..... Del.
Koehlert, W. H. ..... Md.
Lankton, L. S. ..... Md.
Lape, F. T. ..... N. Y.
Leonard, B. F. ..... N. S.
Long, D. J. ..... Pa.
Lovett, G. G. ..... W. Va.
Lowe, T. S. ..... Pa.
Lowrey, J. M., Jr. ..... Ga.
Macdonald, C. D. ..... Va.
Madden, Walter ..... N. J.
Mansuy, J. L. ..... Pa.
Marsh, R. A. ..... S. C.
Miller, C. A. ..... Ill.
Morrissey, M. J. ..... Conn.
McCuskey, L. H. ..... W. Va.
McDermott, B. F. ..... R. I.
McGreevy, W. H. ..... Pa.
McLarney, T. J. ..... Conn.
McLean, J. C. ..... N. S.
Peek, L. A. ..... Fla.
Perry, P. C. ..... Fla.
Pritchett, J. McD. ..... Ala.
Rice, A. C. ..... Pa.
Roberts, F. A. ..... Vt.
Russell, E. J. ..... Md.
Scanland, J. M. ..... La.
Silver, M. E. ..... Iowa.
Sullivan, J. J. ..... Pa.
Swayze, A. A. ..... N. J.
Talbott, D. R. ..... Md.
Talhouk, S. ..... Syria.
Thomayan, H. H. ..... Asia Minor.
Tinsley, E. O. ..... Va.
Titus, C. W. ..... N. J.
Tubbs, A. B. ..... Ohio.
Vinal, W. H. ..... Mass.
Watkins, J. P. ..... Ala.
White, E. ..... Mass.
White, J. M. ..... Md.
Whiteford, L. I. ..... Md.
Williams, G. D. ..... N. C.
Young, F. D. ..... Pa.
Young, J. J. ..... N. C.

Hamilton E. M.

## PRIZES AWARDED.

J. M. Scanland, Louisiana—*First Prize*, - - - - Gold Medal.
Myron Davis, Jr., Massachusetts—*Second Prize*, - - Gold Medal.
L. A. Herring, New Jersey—*Third Prize*, - - - - Gold Medal.
J. A. Blanchard, Louisiana—*Fourth Prize*, - - - Gold Medal.

## WORTHY OF HONORABLE MENTION.

J. Kaszynski, Illinois.
E. H. Ewing, Maryland.
A. A. Swayze, New Jersey.
A. G. Kennedy, Nova Scotia.
W. H. Vinal, Massachusetts.
M. E. Silver, Iowa.

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## HOSPITAL APPOINTMENTS.

### BALTIMORE CITY HOSPITAL.

Dr. Albertus Cotton, - - - Resident Physician.
Dr. J. M. Scanland, - - - First Assistant Resident Physician.
Dr. M. E. Silver, - - - - Second Assistant Resident Physician.
Dr. E. H. Ewing, - - - . Third Assistant Resident Physician.
Dr. T. S. Lowe, . - - - . - Fourth Assistant Resident Physician.

### MATERNITE HOSPITAL.

Dr. J. A. Blanchard, - - - - - - Resident Physician.
Dr. Emerson Boynton, - - - - - Assistant Resident Physician.

### BAY VIEW ASYLUM.

Dr. A. S. Hotaling, - - - - - - Resident Physician.
Dr. W. H. Vinal, - - - - - - Assistant Resident Physician.

### HEBREW HOSPITAL.

Dr. Melvin Rosenthal, - - - Resident Physician.
Dr. William Wolf, - - - - Assistant Resident Physician.

### NURSERY AND CHILD'S HOME.

Dr. Frank Dyer Sanger, - - - - - - - Resident Physician.

# Circular of Information of the Pasteur Department of the Baltimore City Hospital.

*Founded and Controlled by the College of Physicians and Surgeons, Baltimore, Md.*

*Physician in Chief.*—PROF. THOS. S. LATIMER, M. D.
*Chief of the Laboratory.*—PROF. N. G. KEIRLE, A. M., M. D.
*Asst. Chief of the Laboratory.*—ASSOCIATE PROF. JULIUS FRIEDENWALD, A. B., M. D.
*Physician in Charge.*—JOHN RUHRÄH, M. D.

The Pasteur Department of the City Hospital was founded by the College of Physicians and Surgeons for the preventive treatment of hydrophobia according to the Pasteur method.

It is modeled after the Institute Pasteur of Paris. The method used is identical with that used in Paris.

Patients for treatment should come direct to the City Hospital, corner of Saratoga and Calvert streets.

Patients will be required to remain from fifteen to twenty-one days, according to the nature of the case.

Patients bitten by animals, suspected or known to be rabid, should make an especial effort to have the animal kept under observation to determine whether the animal has rabies.

In case the animal is killed the whole body, or in case of larger animals the head only, should be sent to the laboratory at the College for investigation. For this purpose it is best to pack the animal in ice and ship at once by express, prepaid.

Examination of animals that have bitten persons who come for treatment at the Pasteur Department will be made free. In all other cases a moderate charge will be made.

Patient applying for treatment should bring a certificate from the Veterinarian who has made an examination of the suspected animal. Certificates should state whether or not the animal had rabies or was only suspected to have had it.

Without the Pasteur preventive treatment the mortality in cases of bites from rabid animals is from 16 to 25 per cent., while in those cases treated by the Pasteur method the mortality is about one-thirteenth of 1 per cent.

TERMS.—All cases will be charged a uniform price of one hundred and fifty dollars, which will include board and lodging in the hospital while under treatment.

For further information address

JOHN RUHRÄH, M. D.,
*Pasteur Department,*
COLLEGE PHYSICIANS AND SURGEONS,
BALTIMORE, MD.

# ALUMNI ASSOCIATION,

# COLLEGE OF PHYSICIANS AND SURGEONS.

## OFFICERS FOR 1897–1898.

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*President*.....HARRY FRIEDENWALD, M.D.
*First Vice-President*..... J. H. SCANLAND, M. D.,
*Second Vice-President*..... MYRON DAVIS, M. D.
*Secretary*.....A. COTTON, M. D.
*Assistant Secretary* .....E. H. EWING, M. D.
*Treasurer*.....CHARLES E. BRACK, M. D.
*Executive Committee*..... WM. J. TODD, M. D., GEORGE F. TAYLOR, M. D., STANDISH McCLEARY, M. D.
*Committee on Prize Essays*..... THOS. S. LATIMER, M. D., WM. S. GARDNER, M. D., C. HAMPSON JONES, M. D.

The objects of this Association are to advance the interests and extend the influence of the College of Physicians and Surgeons, to encourage a high standard of medical education and perpetuate college friendships.

A prize of $100 is awarded annually by the Alumni Association to the member who presents the best essay. If an essay does not attain first grade, and yet has sufficient merit to warrant the issue of a prize, one of $50 may be awarded.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '98. Due notice will be given each member.

Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually are requested to write to the Dean.

Physicians who may obtain normal or pathological specimens of interest are requested to send them to the College. Specimens will be labeled with the name of the donor and be preserved in the museum.

THOMAS OPIE, M. D., DEAN.

# The Baltimore College of Dental Surgery.

CHARTERED BY THE LEGISLATURE OF MARYLAND IN 1839.

## The Oldest Dental College in the World.

### FACULTY.

M. WHILLDIN FOSTER, M. D., D. D. S., Professor of Therapeutics and Pathology.
WM. B. FINNEY, D. D. S., Professor of Dental Mechanism and Metallurgy.
B. HOLLY SMITH, M. D., D. D. S., Professor of Dental Surgery and Operative Dentistry.
THOMAS S. LATIMER, M. D., Professor of Physiology and Comparative Anatomy.
WILLIAM SIMON, Ph. D., M. D., Professor of Chemistry.
CHARLES F. BEVAN, M, D., Clinical Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
GEORGE H. ROHE, M. D., Professor of Materia Medica.

### LECTURERS.

WILLIAM F. SMITH, A. B., M. D., Regional Anatomy.
R. BAYLEY WINDER, Phar. G., D. D. S., Materia Medica.
EDW. HOFFMEISTER, Ph. D., D. D. S., Materia Medica.
J. N. FARRAR, M. D., D. D. S., Irregularities.
JOHN H. MEYER, D. D. S., Continuous Gum.
DR. GEORGE EVANS, Crown and Bridge-work.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

### CLINICAL INSTRUCTORS.

T. S. WATERS, D. D. S., Chief Clinical Instructor, Resident, Md.

CORYDON PALMER, D. D. S.....Ohio.
E. PARMLY BROWN, D. D. S.....N. Y.
A. L. NORTHROP, D. D. S.....N. Y.
E. L. HUNTER, D. D. S.....N. C.
W. W. WALKER, D. D. S.....N. Y.
F. C. BARLOW.....N. J.
GEO. ADAMS. D. D. S.....N. J.
OSCAR ADELBURG, D. D. S.....N. J.
G. MARSHALL SMITH, D D. S.....Md.
C. M GINGRICH, D. D. S. Resident. Md.
J. HALL MOORE, D. D. S..... ...Va.
R. B. DONALDSON, D. D. S.....D. C.
H. A. PARR, D. D. S.....N. Y.
J. EMORY SCOTT, D. D. S.....Md.
C. L. ALEXANDER, D. D. S..... N. C.
C. A. MEEKER, D. D. S.....N. J.
M. M. MAINE, D. D. S.....Conn.

### DEMONSTRATORS.

WILLIAM G. FOSTER, D. D. S., Demonstrator of Operative Dentistry.
GEO. E. HARDY, M. D., D. D. S., Demonstrator of Mechanical Dentistry.
EDW. HOFFMEISTER, PH. D., D. D. S., Demonstrator of Chemistry.

### ASSISTANT DEMONSTRATORS.

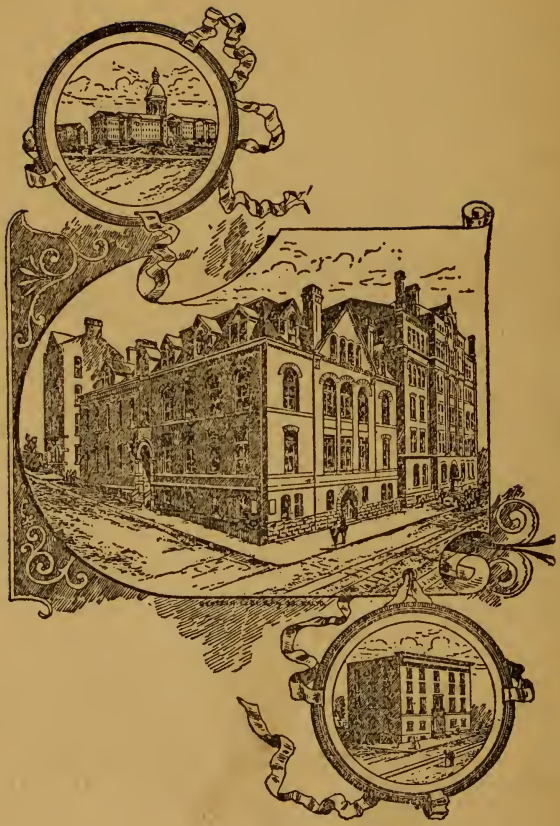
W. W. DUNBRACCO, D. D. S. J. K. BURGESS, D. D. S. J. C. SUTHERLAND, D. D. S.
GEO. V. MILHOLLAND, D. D. S. R. O. SADLER, D. D. S.
L. M. PARSONS, D. D. S. HARRY E. KELSEY, D. D. S. C. H. CARSON, D. D. S.
FRANK D. SANGER, M. D., Demonstrator of Anatomy.
H. H. HAYDEN, M. D.. Demonstrator of Anatomy.
C. F. BLAKE, M. D., Assistant Demonstrator of Anatomy.

The fifty-eighth annual session will commence on the 1st of October, 1897, and continue until April, 1898.

The Infirmary is open during the entire year for Dental Operations.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

M. W. FOSTER, M. D.. D. D. S., DEAN,
9 W. FRANKLIN STREET, BALTIMORE, MD.



# College of Physicians and Surgeons,

## Baltimore, Md.

# Annual Announcement and Catalogue, 1898-'99.

27th Annual Session.

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With Compliments.
F. M. McSavage.

Baltimore:
The Sun Book and Job Printing Office
1898.

## CITY HOSPITAL—VISITING STAFF.

| SURGEONS. | PHYSICIANS. |
|---|---|
| Prof. CHAS. F. BEVAN, M. D. | Prof. THOS. S. LATIMER M. D. |
| " A. FRIEDENWALD, M. D. | " GEO. J. PRESTON, M. D. |
| " THOMAS OPIE, M. D. | " GEO. H. ROHÉ, M. D. |
| " J. W. CHAMBERS, M. D. | " JULIUS FRIEDENWALD, M. D. |
| " H. FRIEDENWALD, M. D. | " W. S. GARDNER, M. D. |

Prof. FRANK DYER SANGER, M. D.

### PATHOLOGISTS.

Prof. N. G. KEIRLE, A. M., M. D.
JULIUS FRIDENWALD, A. B., A. M., M. D.

### HOUSE STAFF.

S. M. SCANLAND, M. D., Resident Physician.
GEO. S. McREYNOLDS, M. D., 1st Assistant Resident Physician.
HERMAN WESTPHAL, M. D., 2d Assistant Resident Physician.
A. SAMUELS, M. D., 3d Assistant Resident Physician.
J. C. MADARA, M. D., 4th Assistant Resident Physician.

## MATERNITÉ HOSPITAL.

*Visiting Obstetrician*.....Prof. C. HAMPSON JONES, M. D.
" " .....CHARLES E. BRACK, M. D.
*Resident Physician*.....G. M. LITSINGER, M. D.
*Assistant Resident Physician*..... ..T. J, DAVIS, M. D.

## BAY VIEW HOSPITAL.

| SURGEONS. | PHYSICIANS. |
|---|---|
| Prof. THOMAS OPIE, M. D. | Prof. THOS. S. LATIMER, M. D. |
| " CHAS. F. BEVAN, M. D. | " GEO. J. PRESTON, M. D., |
| " A. FRIEDENWALD, M. D. | " FRANK DYER SANGER, M. D. |
| " J. W. CHAMBERS, M. D. | " C. H. JONES, M. B., (Edin.), M. D. |
| " W. F. SMITH, A. B., M. D. | " JULIUS FRIEDENWALD, A. B., |
| " H. FRIEDENWALD, A. B., M. D. | A. M., M. D. |
| " STANDISH McCLEARY, M. D. | Dr. CHAS. F. BLAKE, M. D. |
| " W. S. GARDNER, M. D. | " H. H. HAYDEN, M. D. |

SYLVAN H. LIKES, M. D.

### SPECIALISTS.

Prof. GEO. J. PRESTON, M. D., Diseases of the Nervous System.
" THOMAS OPIE, M. D., Diseases of Women.
" W. F. SMITH, M. D., Diseases of the Skin and Genito-Urinary Surgery.
" FRANK DYER SANGER, M. D., Diseases of the Nose and Throat.
" HARRY FRIEDENWALD, M. D., Diseases of the Eye and Ear.
" JULIUS FRIEDENWALD, M. D., Diseases of the Stomach.

### RESIDENT PHYSICIANS.

E. W. STEEVES, M. D., Resident Physician.
E. J. B. SAWABINI, M D., Assistant Resident Physician.

### DISPENSARY STAFF.

*Surgery*.....W. W. REQUARDT, M. D.; J. M. PRITCHETT.
*Genito-Urinary Surgery*.....S. H. LIKES, M. D.; H. M. COHEN, M. D.
*Diseases of Children*.....A. S. GAGE, M. D.
*Nose, Throat and Chest*.....FRANK DYER SANGER, M. D.; A. W. MACDONALD, M. D.
*Skin Diseases*.....G. W. MITCHELL, M. D.; S. H. LIKES, M. D.; H. M. COHEN, M. D.; A. S. GAGE, M. D.
*Diseases of Women*.....W. S. GARDNER, M. D.
*Nervous Diseases*.....E. J. RUSSELL, M. D.
*Practice of Medicine*.....JULIUS FRIEDENWALD, M. D.; ALBERTUS COTTON, M. D.; HARVEY G. BECK, M. D.
*Diseases of the Eye and Ear*.....C. W. VOGEL, M. D.

*Clerk*—H. R. McGRAW. *Druggists*. S. J. ROSENTHAL, E. W. POSEY.

*Physician in Charge*.....CHAS. EMIL BRACK, M. D.

# FACULTY.

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynecology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Prof. of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Prof. of Principles and Practice of Surgery and Clinical Surgery.*

WM. SIMON, PH. D., M. D.,
*Professor of Chemistry.*

GEORGE H. ROHÉ, A. M., M. D.,
*Prof. of Materia Medica, Therapeutics, Hygiene and Mental Diseases.*

J. W. CHAMBERS, M. D.,
*Professor of Operative and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

C. HAMPSON JONES, M. B., C. M. (EDIN.) M. D.,
*Professor of Obstetrics.*

W. F. SMITH, A. B., M. D.,
*Professor of Anatomy and Dermatology.*

B. HOLLY SMITH, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as applied to Medicine.*

HARRY FRIEDENWALD, A. B., M. D.,
*Associate Professor of Diseases of the Eye and Ear.*

JULIUS FRIEDENWALD, A. B., A. M., M. D.,
*Associate Professor of Pathology and Clinical Professor of Diseases of the Stomach.*

WILLIAM S. GARDNER, M. D.,
*Associate Professor of Gynecology.*

FRANK DYER SANGER, M. D.,
*Clinical Professor of Diseases of Nose, Throat and Chest.*

STANDISH McCLEARY, M. D.,
*Associate Professor of Physiology and Demonstrator of Histology.*

CHARLES E. BRACK, M. D.,
*Associate Professor of Obstetrics and Lecturer on Pharmacy.*

CHARLES F. BLAKE, M. D.,
*Demonstrator of Clinical Surgery and Ass't Demonstrator of Anatomy.*

JOHN RUHRÄH, M. D.,
*Associate Professor of Diseases of Children.*

W. WAYLAND FRAMES, M. D.,
*Lecturer on Chemistry.*

H. H. HAYDEN, M. D.,
*Demonstrator of Anatomy.*

SYLVAN H. LIKES, M. D.,
*Demonstrator of Pathology and Genito-Urinary Surgery.*

SAMUEL J. FORT, M. D.,
*Demonstrator of Materia Medica and Pharmacology.*

ALEXIUS McGLANNAN, M. D.,
*Demonstrator of Chemistry and Physiology.*

HARVEY G. BECK, M. D,
*Demonstrator of Clinical Medicine.*

MOSES SAVAGE, M. D.,
*Assistant Demonstrator of Clinical Medicine.*

CHARLES W. VOGEL, M. D.,
*Assistant Demonstrator of Anatomy.*

LOUIS F. KORNMAN, M. D.,
*Assistant Demonstrator of Anatomy.*

WILLIAM B. WOLF, M. D.,
*Assistant Demonstrator of Pathology.*

ALBERTUS COTTON, M. D.,
*Assistant Demonstrator of Anatomy.*

H. M. COHEN, M. D., ELIJAH J. RUSSELL, M, D.,
ALEX. S. GAGE, M. D.,
*Prosectors of Anatomy.*

---

**Instructors in Medicine and Surgery.**

H. FRIEDENWALD, M. D.,
W. S. GARDNER, M. D.,
J. FRIEDENWALD, M. D.,
F. D. SANGER, M. D.,
H. H. HAYDEN, M. D.,
C. F. BLAKE, M. D.
JOHN RUHRÄH, M. D.,
C. E. BRACK, M. D.,
SYLVAN H. LIKES, M. D.

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**Assistants to the Demonstrator of Anatomy, 1898--99.**

*Ten Graduates of Anatomy (Second Course,) Class of '98.*

J. F. KENNEDY,
G. R. R. HERTZBERGER,
MARTIN E. LUTHER,
C. S. FRANCKLE,
C. W. G. ROHRER,
A. A. SHAWKEY,
JOHN E. O'CONNOR,
M. H. SCANLON,
J. P. BENSON,
FRED. A. ROBERTS.

THOMAS OPIE, M. D.,
*Dean of the Faculty.*
Cor. Calvert and Saratoga Streets.

# College of Physicians and Surgeons.

## ANNOUNCEMENT FOR 1898–'99.

The Faculty of the College of Physicians and Surgeons adopted the four-years graded course of study in 1895: This plan of instruction is now well established.

The minimum requirement of the Association of American Medical Colleges, and most State Boards of Examiners beginning with 1898, is four full sessions of six months each, no two sessions in any one year.

## ORGANIZATION.

The College of Physicians and Surgeons was organized and incorporated under the general laws of the State of Maryland in 1872. The Washington University School of Medicine was established in 1827. In 1878, by act of the Legislature, these two schools were consolidated under the name of College of Physicians and Surgeons.

## THE COLLEGE BUILDINGS.

The College Building Proper.
The Baltimore City Hospital.
The Hospital for the Colored Race.
The Maternité Hospital.

The College Building Proper has a frontage on Saratoga street of 109 feet and 74 feet on Calvert street.

The combined Hospital and College buildings have a frontage on Calvert street of 200 feet and 154 feet on Saratoga street.

The Maternité Hospital has a frontage of 48 feet by a depth of 120 feet.

In addition to the above buildings, which are under the exclusive control of the College of Physicians and Surgeons, this College shares with the Johns Hopkins University and the University of Maryland the exclusive medical control of Bayview Asylum (the city Almshouse), in which there is provision for 2,000 beds.

## REQUISITES FOR ADMISSION.

An entrance examination in algebra, higher arithmetic, elements of physics, Latin prose and an English composition of two hundred words.

Graduates or matriculants of reputable colleges, or graduates of high schools of the first grade, or normal schools established by State authority, or those who may have successfully passed the entrance examination provided by the statutes of the State of New York, shall be exempt from the above requirements.

Students conditioned in one or more of the branches enumerated as requirements for matriculation shall have time, until the beginning of the second year, to make up such deficiencies; provided, however, that students who fail in any of the required branches in this second examination shall not be entitled to a second course.

Students from other schools not requiring examination for admission must present credentials or be examined as stated above.

Graduates and matriculants in schools of Pharmacy, Dentistry and Veterinary medicine are given advanced standing in this school.

All credits on the required curriculum of this school must be strictly in the line of medical work.

The time requirement should be kept in mind by the student, since six months of actual attendance on the lecture course is essential.

# COURSE OF INSTRUCTION.

## CLINICAL AND DIDACTIC LECTURES.

The regular Winter Session will begin October 3d, 1898, and end March 31st, 1899, and will consist of six lectures daily, didactic and clinical.

At the close of the regular session there will be a Spring Course of six weeks' duration. This course affords unusual opportunities for practical bedside instruction, but is not estimated as a session or any part of a session looking to graduation.

The clinics of the regular lecture course are well supplied with material by the Baltimore City Hospital, the Hospital for Colored People, the City Hospital Dispensary and the Maryland Lying-in Asylum. The Faculty have also the privilege, with the permission of the Directors of Bay View, the Hebrew Hospital, the Nursery and the Child's Hospital, of transferring cases of especial interest to the City Hospital for the benefit of our classes. This prolific and wide field from which to select instructive cases to illustrate the didactic lectures, will enable the student to appreciate the practical nature of our school.

The Laboratory courses are complete, and, besides, instruction is given not only in the general but also in the special branches.

The lecture halls are commodious, well ventilated and newly furnished.

## PRACTICAL INSTRUCTION.

During the session clinical lectures are delivered daily. The material is utilized systematically by the professors in

illustration of their respective branches. After the close of the session the clinics are attentively kept up, and such students as remain in the city are granted the benefit of them.

### EYE AND EAR CLINIC.

Clinical instruction is given in the diseases of the eye and ear, embracing exhibition of cases and the demonstration of operations before the general class. Besides the conducting of ward instruction, in which thorough examinations are offered to smaller numbers, the use of the opthalmoscope, perimeter, methods of correcting the errors of refraction, examinations and treatment of diseases of the ear are shown by Prof. A. Friedenwald and Associate-Prof. Harry Friedenwald.

### PHYSICAL DIAGNOSIS.

The Senior Class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of diseases of the heart, throat and lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinations by Prof. Frank Dyer Sanger.

### NERVOUS SYSTEM.

Practical instruction in the diagnosis and treatment of diseases of the nervous system, including the use of electricity in practical medicine, is given by Prof. Preston.

### THE GYNÆCOLOGICAL CLINIC.

The wards for white women embrace the entire second floor of the west wing of the City Hospital.

The fourth floor of the City Hospital Annex, which is the hospital for the colored race, is occupied by the colored women. The daily clinic for the Diseases of Women at the City Hospital Dispensary, in conjunction with the above-named sources, furnishes abundant material for illustrating the various operations of gynæcology before the whole class.

This department is under the management of Prof. Opie.

### OBSTETRIC CLINIC.

In addition to attendance upon labor cases both in and out of the Lying-in Asylum, practical instruction will be given once a week to ward classes in the Lying-in Asylum, affording the student an excellent opportunity of becoming personally familiar by his own experience with the various methods of physical examination of the pregnant woman (inspection, palpation, auscultation, mensuration), and also with the management of the puerperal period and the care of the new-born. Once a week a demonstration will also be given at the college to ward classes in operative obstetrics, and every member of the graduating class will be taught and required to perform the various conservative obstetrical operations (forceps, versions, extractions) under the personal supervision of Prof. Jones.

### OPERATIVE SURGERY.

This course will embrace both minor and major surgical work; the art of bandaging and the application of modern surgical dressings, so very important in the treatment of wounds. The department of genito-urinary diseases will be treated from both the clinical and didactic standpoints. In addition to this, lectures upon Clinical Surgery will be delivered by Profs. Bevan and Chambers. All operations are performed in the presence of the class.

Special pains will be taken to instruct the students in the art of bandaging, applying splints, and dressing wounds.

### PRACTICAL ANATOMY.

Didactic lectures on anatomy will be regularly delivered by the Professor of Anatomy during the course, but it is intended that much of the work on this subject shall be practical and be done in the dissecting rooms. These latter are open daily during the winter and spring seasons, under the direction of the Professor and Demonstrators of Anatomy. Special instruction is given in Osteology, and a skeleton is provided for each student. In accordance with the latest judicial construction of the anatomy law in existence in this State, anatomical material is now furnished in abundance for all who desire to dissect. Candidates for graduation are required to present evidence of having dissected during two sessions.

### LABORATORY INSTRUCTION.

Commodious, well-lighted and fully equipped laboratories have been constructed in the new college building and the following practical courses will be given :

### PHYSIOLOGICAL AND HISTOLOGICAL LABORATORY.

The course will comprise experimental study of the circulation, digestion, respiration and the nervous system. Students will be taught the use of the microscope and the mode of cutting, staining and mounting sections of normal tissue. A number of carefully prepared sections of all the normal tissues will be shown the class, and each student will receive personal instruction from the Professor and Demonstrators.

Special facilities will be afforded students who desire to do advanced work in this department.

## PATHOLOGICAL LABORATORY.

The Professor of Pathology, in addition to his didactic lectures on pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical pathology are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the laboratory is constantly open for any students who wish to do special work.

A course in practical Bacteriology will be given in the Pathological Laboratory. This laboratory has been thoroughly equipped with the most modern appliances.

## CHEMICAL LABORATORY.

The practical course in Chemistry will be under the supervision of the Professor of Chemistry, aided by the Demonstrators. General qualitative and quantitative analysis will be taught, with especial reference to urinary analysis. The new laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

## CLINICAL LABORATORY.

The Clinical Laboratory furnishes facilities for instruction in practical microscopy and Chemistry, a branch of

Clinical Medicine heretofore much neglected by most teaching bodies. Classes of ten will be taught urinalyses, chemical and microscopical; blood reactions in typhoid, blood counting and the morphology of the blood in the various diseases affecting the corpuscles; diphtheritic and other cultures, and examinations of sputa, under the immediate supervision of careful and competent instructors.

It is impossible to overestimate the benefit of such practical instruction in modern clinical methods, especially to the country practitioner, to whom municipal laboratories are not accessible. Special care will be taken to direct the studies in this department to such bed-side uses as are most needful to the efficient practice of clinical medicine in the light of modern research.

### PHARMACY AND MATERIA MEDICA.

In this department the student will be instructed personally in the art of compounding medicines. These lessons are of great value to him in after life, especially so should he become a practitioner of medicine in the country.

### HOSPITAL PRACTICE.

Baltimore, with a population of over a half million inhabitants, affords abundant material for the instruction of the student, especially in the practical branches of medicine, surgery and obstetrics.

But few medical schools in this country can extend to their classes greater practical advantages than the College of Physicians and Surgeons. It has been the constant aim of its Faculty to increase and utilize its clinical material for teaching purposes, believing that this method of practical instruction is the best for practical work.

The following hospitals are available for clinical purposes, and students not only have the privilege of attend-

ing the regular clinics, but will be taken through the wards and enabled to examine the cases for themselves:

### THE BALTIMORE CITY HOSPITAL.

This hospital is under the exclusive medical control of the College of Physicians and Surgeons.

It was erected in 1891 on a lot adjoining the college building.

The three public wards occupy the entire west wing of the hospital, and are separated from the east wing, which is exclusively for private patients, by a capacious open court. Each of the public wards has dimensions of 76x27 feet. They are admirably lighted and ventilated, and being situated adjoining the College Amphitheatre, a great variety of medical and surgical cases can be readily brought before the classes for clinical illustration.

Handsome and suitable apartments and thoroughly equipped operating rooms have been provided for the accommodation and treatment of private patients.

The fact that the Baltimore City Hospital is under the management of the Sisters of Mercy is a guarantee that it is kept in excellent order and that everything is done to promote the comfort and welfare of its immates.

### PASTEUR DEPARTMENT.

The Faculty desire to call particular attention to the Pasteur Department which has been recently established at the City Hospital for the preventive treatment of hydrophobia according to Pasteur's method.

The department is under the management of Prof. Latimer, and ample opportunity will be given the student to study the details of the treatment.

The patients are cared for in the City Hospital, and such cases as are in the wards will be subject to observation by students.

Owing to the fact that a great many dogs and other animals suspected to be rabid are brought to the laboratory for examination, the student will have frequent opportunities to see rabid animals and to learn to diagnosticate the disease both by symptoms and laboratory methods.

### HOSPITAL FOR THE COLORED RACE.

This hospital, which has a capacity of 100 beds, is located on the west side of and connected with the Baltimore City Hospital.

It was the first hospital erected in the State of Maryland for the colored race, and is under the exclusive medical control of the College of Physicans and Surgeons.

### THE MARYLAND LYING-IN ASYLUM.

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland, and one of the first in this country. It is located at 115 West Lombard Street, between Hanover and Sharp Streets, about five minutes walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of midwifery. The clinics are held in the lying-in chamber. The establishment of an obstetric clinic in connection with the College has introduced a much-needed reform in the system of medical education in this country.

This institution enables the Professor of Obstetrics and his assistants to teach this branch in accordance with the most recent practical methods adopted. Members of the Graduating Class, after leaving name and address with the Resident Physician at the Lying-in Asylum, will be summoned to the clinic upon the occurrence of a labor case, by prompt messenger service. Students are carefully instructed in the various methods of physical exploration, the management of labor, puerperium, etc., under the strictest antiseptic precautions, and have frequent opportunities of witnessing the obstetrical operations performed on the patients. Attendance on these clinical demonstrations is obligatory.

An outdoor department has been established which largely extends the facilities for practical instruction in obstetrics. Advanced students will be given special charge of cases, under the personal supervision of the Chief of the Outdoor Department.

### BAY VIEW HOSPITAL.

Bay View is situated in the eastern suburbs of Baltimore, and contains 2,000 beds, inclusive of the department for the insane.

Regular clinics are given during the winter and spring sessions by the Faculty of this school. The amphitheatres are well lighted and comfortable, and the very large amount of material affords unusual opportunities for practical teaching.

### CITY HOSPITAL DISPENSARY.

The Dispensary Rooms, occupying the ground floor of the new College Building, have been constructed on the most approved plans. Commodious, well-lighted rooms are set apart for the different clinics, general and

special. A full dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this Dispensary can be appreciated by the fact that the number of patients was 24,778 during the year ending April 30th, 1898.

### NURSERY AND CHILD'S HOSPITAL.

The Nursery and Child's Hospital, located at the corner of Franklin and Schroeder streets, covering over three acres of ground, is devoted entirely to the diseases of infancy or childhood. Its large dispensary affords many interesting cases, while the hospital is always filled. It has accommodation for 150 beds and a number of private rooms suitable for private patients. The medical staff, consisting of Profs. Latimer, Bevan, Friedenwald, Preston and Sanger, enables our students to enjoy its free benefits.

### HEBREW HOSPITAL.

Profs. Friedenwald, Chambers, Opie and Preston are upon the staff of this institution.

### TEXT BOOKS.

(*The first named book in each branch is preferred.*)

SURGERY.—American Text-Book of Surgery, $7; Moullin's Treatise on Surgery, $6; Treves' Op. Surg., $7.20; Smith's Op. Surg., $3.20; Jacobson's Op. Surg., $4; Park's Surgery, Stinson.

PRACTICE OF MEDICINE.—Strumpell, $4.80; Osler, $5.50; Taylor, $2.00; Tyson, Bosworth and Seiler on Nose and Throat, $9.60; Pepper's System, $10; Page's Physical Diagnosis, 5th edit., $1.60.

OBSTETRICS.—American Text Book, Lusk, $4.

DISEASES OF WOMEN.—Penrose, Pozze, 2d edit.; Greig Smith on Abdominal Surgery.

ANATOMY.—Gray, Morris, Cunningham. Holden's Osteology.

MATERIA MEDICA.—Potter's 5th Edition Materia Medica and Therapeutics.

PHYSIOLOGY,—Kirke's, $3.25; Landois and Stirling, $5.60; Foster, $3.60; Piersol's Histology, $2.89; Stohr Histology, $2.40.

CHEMISTRY AND TOXICOLOGY.—Simon's Manual, $2.60; Charles Simon, Clinical Diagnosis, $2.80; Remsen's Theoretical Chemistry, $1.60; Blyth on Poisons; Thornton's Dose Book and Manual of Prescription Writing.

DISEASES OF THE EYE AND EAR.—Swanzy on the Eye, $2.50; Fuchs on the Eye, $5; Noyes on the Eye, $4.80; Barr on the Ear; Politzer on the Ear.

SKIN DISEASES.—Rohé and Lord, $1.25; Duhring.

DISEASES OF CHILDREN.—Smith, $3.60.

PATHOLOGY.—Manual of Pathology, Will. Late Coplin, M. D.; Pathological Technique, Mallory and Wright.

BACTERIOLOGY.—Muir and Ritchie.

FORENSIC MEDICINE AND TOXICOLOGY.—J. Dixon Mann, M. D.

NERVOUS DISEASES.—Dana, $2.60; Gowers, $6.40; Preston on Hysteria.

MENTAL DISEASES.—Savage on Insanity, $1.60; Stearns on Mental Diseases.

GENITO-URINARY DISEASES.—White and Martin; R. W. Taylor on Venereal Diseases.

PHARMACOLOGY AND THERAPEUTICS.—H. C. Wood, Shoemaker, U. S. Dispensatory.

ELECTRICITY.—Liebig and Rohé on Medical Electricity, $2.

HYGIENE.—Rohé's Text-Book on Hygiene, $3.

BACTERIOLOGY.—Abbott, $1.60; Frankel, $3.00; McFarland Pathogenic Bacteria.

MEDICAL JURISPRUDENCE.—Taylor, $3.60; Reese, $2.40.

POST-MORTEM TECHNIQUE.—Hektoen, $1.75.

MEDICAL DICTIONARY.—Dunglison, $5.60; Keating, $4; Gould, $5.75; Duane, $3.40.

The prices given above are for books in cloth binding, a stronger binding being obtainable at a slight advance.

## DEPARTMENT OF DENTISTRY.

The College of Physicians and Surgeons has an arrangement with the Baltimore College of Dental Surgery (the oldest dental school in the world), by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## STUDENTS FROM OTHER SCHOOLS.

Students who have attended one course of Lectures in a reputable medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our third year class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previously, must be taken with our second year students.

All students must take in full the branches of the fourth year.

## GRADUATION.

Candidates for the Degree, Session '98-'99, must have attended four graded courses of lectures in four separate years. The candidate must be 21 years of age, of good moral character, and have passed satisfactory examinations before the Faculty. All students are required to register at the close of each session, as evidence of full attendance.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred by the Faculty:

*The First College Prize*—a gold medal—to the graduate who stands highest in the final examination.

*The Second College Prize*—a gold medal—to the graduate who stands second.

*The Third College Prize*—a gold medal—to the graduate who stands third.

*The Fourth College Prize*—a gold medal—to the graduate who stands fourth.

### HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz., four at the City Hospital, two at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician to Bay View, who receives board and lodging, also an assistant resident physician.

### RESIDENT STUDENTS.

Arrangements have been made for twenty students, who will have all the practical advantages of The Baltimore City Hospital at a cost of $25 for a term of six months. They have the privilege of accompanying the Professors and Resident Physicians in their visits to the wards, and rendering such medical and surgical assistance as will be required, The Janitor will assist them in procuring board and lodging in the immediate vicinity of the Hospital.

### THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Will gladly welcome all students, and furnish any information as to location of all churches and prominent points of interest. Special rates are provided whereby all advantages possessed by the Central Association (two blocks distant) can be had: Gymnasium, baths, various classes, etc.

## COLLEGE FEES.

The charge for the Winter Session is $100, payable on entering.

There are no fees for Laboratory work and dissections

The Graduation fee is $30, and must be paid on or before January 1, 1899.

## POST-GRADUATE FEES.

Graduates of other Colleges pay $60 for the whole session, including the Spring Course. For the Spring Course alone the fee is $50. The usual diploma fee of $30 is required for graduation.

Good board can be had at $3.50 per week.

We believe that in no other large city of the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's Office in the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding houses, and furnish all requisite information.

For further information, address

PROFESSOR THOMAS OPIE, M. D., DEAN,
*College of Physicians and Surgeons.*
BALTIMORE, MD.

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## CALENDAR.

### 1898.

October 1st—Introductory Lecture, 8 P. M.

October 3d—Session begins.

November 24th—Thanksgiving Day—holiday.

December 22d—Lectures close for Christmas holidays.

### 1899.

January 2d—Lectures resumed.

February 22d—Washington's Birthday—holiday.

March 31st—Session closes.

# GRADUATING CLASS, 1898.

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AMIRAL, NISHAM. Asia Minor.
ATIYAH, SALIM ..... .Syria.
BAILEY, GEO. MINOT ... R. I.
BROWNFIELD, G. H ....W.Va.
BROBST, W. B ..... Pa
BUQUOI, J. F .....La.
BURKE, F. EDWARD..Dist.Col.
COPPAGE, WM. G.....Md.
DAVIS, T. J ..... .....S. C.
ELKHOURY, ABDALLAH. Syria.
GALLUP, L. J.....Va.
GODFREY, THOS. F..... Mass.
HAUSER, B. B.....N. C.
HICKS, IRA C.....W.Va.
JENSON, CHAS.....Utah.
KEARNEY, J. H..... ..N.Y.
KECHIJIAN, N. B..Asia Minor.
KHALFEYAN, H. N. Asia Minor.
KOUSA, KHALIL Y... ..Syria.
LITSINGER, GLENN M ...Md.
MADARA, J. C. (3).....Pa.
MADDEN, T. W..... ...N. J.
MCREYNOLDS, G. STREET. Tex.
MILLER, W. E.....Ga.
MORRISON, E. J... ...Maine.
NEUGROSCHL, ISRAEL....N.Y.
O'CONNOR, D. F.....Mass.
O'DEA, P. J.... ..... Pa.
PACKARD, GEO. H... ..Mass.
ROBISON, G. EDGAR.....Utah.
SAMUELS, A..... ..Md.
SAWABINI, E. J. B...Palestine.
STEEVES, E. W ..... Can.
TABET, EYYOUB G .. ..Syria.
TRAD, GABRIEL A .....Syria.
WESTPHAL, HERMAN ...N.Y.

Total, 36.*

*The Graduating Class of 1898 was very small as compared with former sessions, because of the transition from a three years to a four years curriculum. In the third year, there was necessarily no graduating class, except such senior course men as came to us from other schools.

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## PRIZES AWARDED.

GEO. S MCREYNOLDS, Texas—*First Prize*, - - GOLD MEDAL.
HERMAN WESTPHAL, N. Y.—*Second Prize*, . GOLD MEDAL.
W. E. MILLER, Ga.—*Third Prize*, - - - - GOLD MEDAL.
GEO. EDGAR ROBISON, Utah—*Fourth Prize*, - GOLD MEDAL.

## WORTHY OF HONORABLE MENTION.

D. F. O'CONNOR, Massaschusetts. CHARLES JENSEN, Utah.
N. B. KECHIJIAN, Asia Minor.

# HOSPITAL APPOINTMENTS.

BALTIMORE CITY HOSPITAL.

| | |
|---|---|
| DR. J. M. SCANLAND, - | Resident Physician. |
| DR. GEO. S. MCREYNOLDS, | First Assistant Resident Physician. |
| DR. HERMAN WESTPHAL, | Second Assistant Resident Physician. |
| DR. A SAMUELS, - - | Third Assistant Resident Physician. |
| DR. J. C. MADARA, - - | Fourth Assistant Resident Physician. |

MATERNITE HOSPITAL.

| | |
|---|---|
| G M. LITSINGER, M. D., - | Resident Physician. |
| T. J. DAVIS, M. D., - - - | Assistant Resident Physician. |

BAY VIEW ASYLUM.

| | |
|---|---|
| DR. E. W. STEEVES, - - | Resident Physician. |
| DR. E. J. B. SAWABINI, - - | Assistant Resident Physician. |

HEBREW HOSPITAL.

| | |
|---|---|
| DR. THOS. S. LOWE, - - | Assistant Resident Physician. |

NURSERY AND CHILD'S HOME.

| | |
|---|---|
| DR. FRANK DYER SANGER, - - | Resident Physician. |

# Circular of Information of the Pasteur Department of the Baltimore City Hospital.

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*Founded and Controlled by the College of Physicians and Surgeons, Baltimore, Md.*

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*Physician in Chief*, - - - PROF. THOS. S. LATIMER, M. D.
*Chief of the Laboratory*, - - PROF. N. G. KEIRLE, A.M.,M.D.
*Asst. Chief of the Laboratory*, - ASSOC. PROF. JULIUS FRIEDENWALD, A. B., M. D.

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The Pasteur Department of the City Hospital was founded by the College of Physicians and Surgeons for the preventive treatment of hydrophobia according to the Pasteur method. It is modeled after the "Institut Pasteur," of Paris. The method is the result of personal investigation at that institute, and is identical with that used in Paris.

Without the Pasteur preventive treatment the mortality from bites of rabid animals is 16 to 25 per cent. Of those treated by the Pasteur method, the mortality is about one-thirteenth of 1 per cent.

Patients should come without delay direct to the City Hospital, corner of Saratoga and Calvert streets, where they will be received by the Resident Physicians and supplied with suitable accommodations.

Patients will be required to remain from fifteen to twenty-one days, according to the nature of the case.

Patients applying for treatment should bring a certificate from the veterinarian, or any one who has made an examination of the

animal. The certificate should state whether the animal had rabies or was only suspected to have had it.

Persons bitten by animals suspected or known to be rabid should make an especial effort to have the animal kept under observation to determine whether it has rabies. If the animal is dead, the whole body, or the head, with part of the neck attached, should be sent to the laboratory at the College for investigation. To prevent putrefaction, it should be packed in ice and sent, at once, by express, prepaid.

Examination of animals that have bitten persons who come for treatment at the Pasteur Department will be made without charge. In all other cases, the cost of examination will be twenty-five dollars.

TERMS.—All cases will be charged the uniform fee of one hundred and fifty dollars.

For further information, address

PASTEUR DEPARTMENT,
COLLEGE OF PHYSICIANS AND SURGEONS,
BALTIMORE, MD.

# ALUMNI ASSOCIATION,

# COLLEGE OF PHYSICIANS AND SURGEONS.

## OFFICERS FOR 1897–1898.

| | |
|---|---|
| *President* | Dr. WM. P. SPRATLING. |
| *First Vice-President* | " S. H. ALLEN, |
| *Second Vice-President* | " H. S. JARRETT. |
| *Secretary* | " W. W. FRAMES. |
| *Assistant Secretary* | " H. WESTPHAL. |
| *Treasurer* | " CHARLES F. BRACK. |
| *Executive Committee* | " H. FRIEDENWALD. |
| | " WM. GOMBEL. |
| | " J. M. SCANLAND. |

PUBLICATION COMMITTEE.

Dr. H. FRIEDENWALD, *Chairman.*
" W. P. SPRATLING, *President.*
" W. W. FRAMES, *Secretary.*
" C. E. BRACK, *Treasurer.*
" W. S. GARDNER, *Editor.*
" WM. J. TODD, *Business Manager.*

The objects of this Association are to advance the interests and extend the influence of the College of Physicians and Surgeons, to encourage a high standard of medical education and perpetuate college friendships.

The Journal of the Alumni Association is published quarterly. It has thirty-two pages of reading matter. A large space is devoted to personal notes. Subscription price $1.00.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in '99. Due notice will be given each member.

Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually are requested to write to the Dean.

Physicians who may obtain normal or pathological specimens of interest are requested to send them to the College. Specimens will be labeled with the name of the donor and be preserved in the museum.

THOMAS OPIE, M. D., DEAN.

# CLASS OF 1897–'98.

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| ADAMS, F. S. | —— | 2 | B. C. D. S. |
| ALPINE, E. B | W. Va | 2 | B. C. D. S. |
| ALLISON, C. Edward | Pa | 3 | Dr. J. B. Scott. |
| AMIRAL, NISHAM | Asia Minor | 4 | Syrian Prot. College. |
| ANDREWS, R. W. | N. C | 1 | C. P. and S. |
| ARBAUGH, E. V | Ohio | 2 | Dr. Thos. Haskins. |
| ARMSTRONG, T. E. | Canada | 3 | Halifax Med. College. |
| ATIYAH, SALIM | Syria | 4 | Syrian Prot. College. |
| ATKINSON, W. G | Mass. | 2 | B. C. D. S. |
| BAER, JACOB A | Pa | 1 | Dr. D. W. Dodson. |
| BAILEY, G. M | R. I | 4 | Dr. S. Smith. |
| BARTZ, CHAS. W. D | Md | 2 | Dr. J. E. Morfit. |
| BARRY, JNO. W | N. Brunswick | 1 | C. P. and S. |
| BELL, JOHN J | Pa | 1 | Dr. W. J. Cook. |
| BENSON, J. P | Pa | 2 | Dr. J. W. Hawes. |
| BERLIN, LOUIS | Md | 1 | C. P. and S. |
| BOISVENU, PHILIAS | Mass | 3 | Dr. L. D. Labonte. |
| BOUCHER, W. E | Conn | 2 | B. C. D. S. |
| BOYD, CHARLES L | Tenn | 1 | Dr. C. P. Fox. |
| BOYD, WILBUR T | W. Va | 1 | Dr. P. Lantz. |
| BOYLES, A. C | N. C | P. G. | C. P. and S. |
| BRAWNER, J. N | Ga | 3 | Dr. H. R. Slack. |
| BROBST, W. B | Pa | 4 | Dr. J. A. Brobst. |
| BROWN, G. A | Arizona | 2 | B. C. D. S. |
| BROWN, GEO. C | Conn | 3 | Dr. John Welden. |
| BROWN, HARRY S | N. J | 3 | Dr. Geo. E. Day. |
| BROWNFIELD, G. H | W. Va | 4 | W. Va. University. |
| BRUECKNER, CHAS. H | N. J | 1 | Dr. A. V. Wendel. |
| BUCHANAN, W. H. | Ga | 2 | B. C. D. S. |
| BURKE, F. EDWARD, M. D | D. C | 4 | Dr. A. C. Achtan. |
| BUQUOI, J. F | La | 3 | Tulane University. |
| CAMPBELL, ALEX | P. E. I | 2 | C. P. and S. |
| CAMPBELL, EDWARD | Mass | 3 | C. P. and S. |
| CAMPBELL, E. H. (M. D.) | Va | Hospital Course | —— |
| CAMPBELL, JOHN A | Pa | 1 | C. P. and S. |
| CAMPBELL, PHILIP N | Mass | 3 | C. P. and S. |
| CARY, A. E | Conn | 2 | B. C. D. S. |
| CHANCELLOR, PHILIP | Md | 1 | Prof. C. W. Chancellor. |
| COCKEY, WM. H | Md | 1 | Dr. H. B. Stevenson. |
| COLLIER, G. KIRBY | N. C | 2 | Dr. T. A. Councell. |
| CONBOY, M. A | N. Y | 1 | Dr. J. B. Conboy. |
| CONREY, ALBERT F | Md | 1 | C. P. and S. |

| *Name* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Cook, J. M. | S. C. | 2 | B. C. D. S. |
| Copeland, R. R. | S. C. | 2 | B. C. D. S. |
| Coppedge, C. E. | N. C. | 3 | Dr. D. W. Edwards. |
| Coppedge, Wm. G. | Md. | 3 | C. P. and S. |
| Craig, S. J. | — | 2 | B. C. D. S. |
| Cutler, A. R. | Utah | 3 | L. D. S. College. |
| Davis, E. S. | Ohio | 2 | B. C. D. S. |
| Davis, I. J. | S. C. | 4 | C. P. and S. |
| Denham, Cecil | W. Va. | 1 | C. P. and S. |
| DeNean, J. C. | Ohio | 3 | Dr. K. W. Lynn. |
| Dorsey, Lloyd | Md. | 2 | —— |
| Douglas, M. | N. S. | 2 | B. C. D. S. |
| Dryden, M. B. | N. Y. | 2 | B. C. D. S. |
| Duncan, A. G. | Pa. | 2 | B. C. D. S. |
| Duncan, J. C. | Pa. | 1 | Dr. E. Tulp |
| Ekstromer, M. | Md. | 3 | C. P. and S. |
| Elkhoury, A. E. | Syria | 4 | Syrian Prot. College. |
| Ellenbrock, C. F. | Md. | 3 | Dr. J. P. Williams. |
| Elliott, Alfred | Mass. | 2 | C. P. and S. |
| Ellis, A. A. | Tenn. | P. G. | Chat. Med. College. |
| Emmett, W. H. | Conn. | 2 | B. C. D. S. |
| Ewing, Edward H. | Md. | 4 | Princeton University. |
| Flanders, C. R. | Maine | 2 | B. C. D. S. |
| Flannagan, T. O. | W. Va. | 2 | B. C. D. S. |
| Fleming, J. H. | Pa. | 1 | C. P. and S. |
| Flynn, Jas. G. | Pa. | 1 | C. P. and S. |
| Franckle, C. S. | N. J. | 2 | Dr. G. E. Day. |
| Frazier, J. C. | W. Va. | 3 | Drs. Nash and Blake. |
| Free, Evans M. | Pa. | 3 | Dr. J. L. Free. |
| Freedom, Adolph G. | Md. | 2 | —— |
| Freeman, A. S. | —— | 2 | B. C. D. S. |
| Frontis, S. | N. C. | 2 | B. C. D. S. |
| Fruis, W. E. | —— | 2 | B. C. D. S. |
| Fulton, J. L. | —— | 2 | B. C. D. S. |
| Gallup, L. J. | Va. | 4 | University of Va. |
| Gaston, C. E. | Miss. | 2 | B. C. D. S. |
| German, A. M. | N. Y. | 2 | B. C. D. S. |
| Gillies, Chas. H. | N. Y. | 2 | C. P. and S. |
| Gillis, John C. | N. C. | 2 | McLean Hospital. |
| Godfrey, Thos. F. | Mass. | 4 | Dr. C. S. Cutler. |
| Golding, W. J. | —— | 2 | B. C. D. S. |
| Goodman, Bernhard A. | Md. | 3 | —— |
| Gore, H. C. | Md. | 2 | B. C. D. S. |
| Grace, T. M. | Ga. | 2 | B. C. D. S. |
| Halper, C. J. | Conn. | 4 | —— |
| Hamilton, F. | Conn. | 2 | B. C. D. S. |
| Harbin, J. W. | N. C. | 2 | B. C. D. S. |
| Harris, W. D. | N. S. | 2 | Dr. Edward Cowles. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| Hauser, B. B | N. C | 3 | —— |
| Hayes, P. G | Ala | 2 | Dr. J. T. Ruskin. |
| Heckel, J. G | Pa | 2 | B. C. D. S. |
| Herman, Sam'l J | N. Y | 1 | C. P and S. |
| Herrod, Jas. F | Pa | 3 | Dr. A. S. Fichtner. |
| Hertzberg, G. R. R | Conn | 2 | Dr. Schavoir. |
| Hicks, Ira C | W. Va | 3 | C. P. and S. |
| Higgins, Wm. J | Pa | 2 | Dr. A. T. Gilles. |
| Hilson, Cleaveland, Jr | N. J | 1 | Princeton University. |
| Hires, C. M | S. C | 2 | B. C. D. S. |
| Hodges, W. S | Va | 1 | Dr. S. E. Hughes. |
| Holden, W. H | W. Va | 1 | Dr. M. J. Bartlett. |
| Holmboe, B | Norway | | B. C. D. S. |
| Hoshall, John L | Pa | 3 | C. P. and S. |
| Howe, W. R | Mon | 3 | Dr. A. Morgan. |
| Hubbard, Harry | Ohio | 3 | Dr. R. M. Rau. |
| Hughes, Stephen F | R. I | 3 | Dr. F. A. McKenna. |
| Hume, J T. (M. D.) | W. Va | P. G | C. P. and S. |
| Humphreys, C A | N. Y | 2 | B. C. D. S. |
| Hunter, W. D | Pa | 1 | Dr. J. C. Hunter. |
| Hupp, H. C | Ohio | 2 | B. C. D. S. |
| Hurley, P. E | Mass | | C. P. and S. |
| Jacobs, E. D | N. J | 2 | B. C. D. S. |
| James, F. H | Pa | 2 | B. C. D. S. |
| Jenson, Charles | Utah | 4 | Drs. Allen and Cassaday |
| Jones, William D | Md | 1 | C. P. and S. |
| Johnson, H. H | N. S | 2 | B. C. D. S. |
| Johnson, S. A | N. C | 2 | B. C. D. S. |
| Johnston, S. B | N. J | 2 | B. C. D. S. |
| Jordan, G. E. (M. D.) | N. C | P. G | —— |
| Kachline, John C | Pa | 1 | Dr. C. W. Laciar. |
| Kearney, J H | N. Y | 4 | Dr. D. Connelly. |
| Kechijian, N. B | Turkey | 4 | Syrian Prot. College. |
| Keirle, N. G., Jr | Md | 3 | Dr. N. G. Keirle. |
| Kelly, J. H | Md | 2 | B. C. D. S. |
| Kennedy, T. F | Mass | 2 | Dr. E. A. Kennedy. |
| Kenney, Stephen A | Mass | 3 | Dr. Barry. |
| Khalfeyan, H. N | Asia Minor | 4 | Syrian Prot. College. |
| King, J. W., Jr | Florida | 1 | C. P. and S. |
| King, Seeber | Florida | 1 | Dr. J. H. Colson. |
| Kline, S. M | Ohio | 2 | C. P. and S. |
| Knorr, E. A | Md | 3 | C. P. and S. |
| Kousa, K. Y | Syria | | Syrian Prot. College. |
| Laken, R. E | Md | 2 | B. C. D. S. |
| Lambert, F. H | Canada | 2 | B. C. D. S. |
| Larkin, Peter A | Pa | 2 | Dr. J. A. Kelley. |
| Leahy, W. J | Conn | 3 | Dr E. K. Parmelee. |
| Lard, A. W | P. E. I | 2 | B. C. D. S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| LEARY, W. S | N. Y | 2 | B. C. D. S. |
| LE FORD, L. R | Canada | 2 | B. C. D. S. |
| LEONARD, H. M | Canada | 2 | B. C. D. S. |
| LEONARD, JOHN M | Mass | 2 | —— |
| LITSINGER, GLENN M | Md | 4 | Dr. J. B. Butler. |
| LOWELL, A. R. (M. D.) | Vt | Hos. Course | —— |
| LOWTHER, J | P. E. I | 2 | B. C. D. S. |
| LOWRY, S. T | Texas | 1 | C. P. and S. |
| LOWY, OTTO | N. J | 1 | C. P. and S. |
| LUTHER, MARTIN E | Vt | 2 | Dr. F. W. Russell. |
| MADARA, JACOB CHARLES | Pa | 3 | C. P. and S. |
| MADDEN, T. W | N. J | 4 | Dr. E. H. Madden. |
| MAINE, H. P | Pa | 1 | Dr. C. S. Maine. |
| MALCOM, WALLACE | Md | 1 | Dr. W. J. Todd. |
| MARVEN, G. H | Canada | 3 | B. C. D. S. |
| MASON, GEORGE | R. I | 1 | Dr. W. H. Creen. |
| MAY, JOHN L | Conn | 1 | Dr. W. F. D. Neil. |
| MCARTHUR, C. S | N. S | 2 | B. C. D. S. |
| MCAVOY, M. J | Md | 2 | Dr. J. J. Valentine. |
| MCCULLOM, J. R | W. Va | 2 | Dr. A. Bee. |
| MCCRAITH, T E | N. Y | 2 | B. C. D. S. |
| MCDEDE, FRANK F | N. J | 1 | Dr. H. H. Welden. |
| MCFARLAND, W. J. R. (M. D) | N. Y | Hos. Course | —— |
| MCGRAW, H. R | Utah | 1 | C. P. and S. |
| MCKAY, EDWIN | Pa | 1 | Dr. J. M. Cooley. |
| MCKNIGHT, J. L. | Pa | 2 | Dr. J. W. Hunter. |
| MCREYNOLDS, GEO. S | Texas | 4 | Dr. J. O. McReynolds. |
| MENDELSOHN, LEWIS | N. Y | 1 | Dr. A. Friendenwald. |
| MILLER, J. M. (M. D.) | W. Va | P. G | —— |
| MILLER, W. E | Ga | 4 | C. P. and S. |
| MORRISON, E. J | Maine | 3 | Dr. Cummings |
| MOTT, R. L | N. J | 2 | B. C. D. S. |
| MOULTON, A. B | Maine | 2 | —— |
| MUNRO, M. G | —— | 2 | B. C. D. S. |
| MURPHY, EDWIN V | Mass | 3 | Dr. J. W. Coughlin. |
| NEUGROSCHL, ISRAEL | N. Y | 4 | —— |
| NORRIS, J. F | Md | 2 | Dr. James Gerry. |
| O'CONNOR, D. F | Mass | 4 | Dr. J. F. O'Connor. |
| O'CONNOR, JOHN E | Mass | 2 | C. P. and S. |
| O'DEA, P. J | Pa | 4 | Dr. W. J. Leonard. |
| O'DWYER, JOHN C | Conn | 3 | Dr. R. J. Barry. |
| OSBORNE, ELTON SMITH | Ga | 3 | University of Georgia. |
| OWENS, R. M | Pa | 1 | Dr. J. C. Hunter |
| PACKARD, GEORGE H | Mass | 4 | C. P. and S. |
| PARK, WILLIAM E | N. Y | 2 | Dr. J. W. Stewart. |
| PEARCY, E. M | W. Va | 1 | W. Va. University. |
| PEEPLES, T. E | —— | 2 | B. C. D. S. |
| PEPPER, J. K | N. C | 1 | C. P. and S. |

| *Name.* | *State.* | *Course.* | *Preceptor.* |
|---|---|---|---|
| PERKINS, T. W. | Ky | 2 | C. P. and S. |
| P·SEY, E. O. | S. C | 1 | Dr. B. F. Posey. |
| POST, SIDNEY H. | W. Va | 1 | Dr. M. J. Bartlett. |
| PRICE, E. G. | N. Y | 2 | B. C. D. S. |
| RASTATTER, PAUL F. | Pa | 3 | Dr. Geo. A. Garries. |
| REICHARD, LEWIS M. | Pa | 3 | W. Va. University. |
| ROBERTS, FREDERICK A. | Maine | 2 | Dr. W. J. Downs. |
| ROBERTS, OSCAR B. | Vt | 2 | Dr. A. J. Miller. |
| ROBINSON, GEO. E. | Utah | 4 | Dr. S. H. Allen. |
| ROBINSON, J. RANSON | Pa | 1 | Dr. Chaapel. |
| ROGAN, B. B. | Ala | P. G | —— |
| ROHRER, C. W. G. | Md | 2 | Dr. W. M. Nihiser. |
| ROSENTHAL, L. J | Md | 1 | Dr. A. Friedenwald. |
| ROWE, H. W. B. | Md | 1 | Dr. R. I. J. Barber. |
| ROWLES, R. B. | Ohio | 3 | Dr. J. H. Martin. |
| RUSMESELLE, Dr. | Va | P. G | —— |
| SAMUELS, A. | Md | 4 | Dr. J. Ruhrah |
| SAWABINI, E. J. B. | Palestine | 4 | Syrian Prot. College. |
| SCANLON, M. H | Conn | 2 | Dr. Campbell. |
| SCHILD, E. H. | Md | 2 | C. P. and S. |
| SCHMIDT, SAMUEL | Md | 1 | Dr. C. E. Brack. |
| SCHWARTZ, MAURICE | Md | 1 | Dr. A. Friedenwald. |
| SEFTON, E. B. | Md | 2 | B C. D. S. |
| SHAWKEY, A. A. | Pa | 2 | O. W. University. |
| SHEA, M. H. | Mass | 2 | Dr. A. S. George. |
| SIMMONS, OLIVER D. | Md | 1 | Dr. P. Briscoe. |
| SIMPERS, H. G. | Md | 3 | Dr. W. F. Hines. |
| SMALLWOOD, F. E. | N. S | 2 | B. C. D. S. |
| SMITH, D. V. | W. Va | 2 | W. Va. University. |
| SMITH, HARRISON A. | Maine | 1 | Dr. S. G. Bumper. |
| SMITH, W. B. T. | Mass | 1 | Dr. W. J. Bolton. |
| SMITH, W. W., Jr. | S. C | 2 | B. C. D. S. |
| STEEVERS, E. W. | Canada | 3 | C. P. and S. |
| STICK, H. LOUIS | Pa | 2 | Dr. W. E. Stick. |
| STEINER, EDWIN | N. J | 1 | —— |
| STEWART, C. R. | W. Va | 2 | B. C. D. S. |
| STILLMAN, P. R. | N. Y | 2 | B. C. D. S. |
| STINSON, W. N. | Florida | 1 | Dr. F. D. Miller. |
| SULLIVAN, JAS. L. | Conn | 1 | —— |
| SUTLIFF, S. DANA | Pa | 1 | C. P. and S. |
| TABET, EYYOUB G. | Syria | 4 | Syrian Prot. College. |
| TAGGART, J. P. | Ohio | 2 | B. C. D. S. |
| TATE, ALBERT M. | Ga | 3 | Drs. Stovall and Eberhardt. |
| TAYLOR, J. E. | S. C | 2 | B. C. D. S. |
| THOMPSON, J. B. | N. C | 3 | Dr. W. A. Thompson. |
| TRACH, JOHN M. | Pa | 1 | Dr. D. C. Trach. |
| TRAD, GABRIEL A. | Syria | 4 | Syrian Prot. College. |
| VANDERBEEK, ANDREW B. | N. J | 1 | C. P. and S. |
| WALKER, L. G. | —— | 2 | B. C. D. S. |
| WALLIS, S. R. | Md | 2 | C. P. and S. |
| WATSON, JOHN WILLIAM | Mass | 2 | Dr. J. C. Eastman. |
| WEBB, Jas. L. | N. C | 1 | Dr. A. M. Whitsett. |
| WEEKS, W. N. | N. C | 2 | B. C. D. S. |
| WEINBERG, SAMUEL | Md | 1 | C. P. and S. |
| WELLAND, H. | Va | 3 | Dr. C. N. Dunlap. |
| WESTPHAL, HERMAN | N. Y | 4 | Dr O J. Kirby. |
| WHITE, E. H. | Md | 2 | C. P. and S. |
| WILLIAMS, JESSE W. | Md | 2 | C. P. and S. |
| WILLIAMS, V. G. | Ga | 1 | Dr. H. R. Slack. |
| WILLSON, H. GINON | Md | 2 | Dr. T. A. Councell. |
| WILSON, E. W. | Canada | 2 | B. C. D. S. |
| WOODWORTH, C. L. | Maine | 2 | B. C. D. S. |
| YOUNG, F. W. | Mass | 3 | Dr Camles. |

DAILY ORDER OF LECTURES—FIRST YEAR, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | Chemistry, Frames. | | Bacteriology, Lecture. | Chemistry, Frames. | Osteology, Cotton. | Embryology, Lecture. |
| 10 | Chemical Laboratory. | Osteology, Vogel. | Chemical Laboratory. | Osteology, Vogel. | Chemical Laboratory. | Osteology, Cotton. |
| 11 | Histological Laboratory. | Physiology, Preston. | Histological Laboratory. | Physiology, Preston. | Histological Laboratory. | Physiology, Preston. |
| 12 | Anatomy, Smith. | Materia Medica, Fort. | Anatomy, Smith. | Materia Medica, Fort. | Anatomy, Smith | Materia Medica. Fort. |
| 1 | Hygiene, Rohé. | Histology, McCleary. | Osteology, Cotton. | Histology, McCleary | Osteology, Vogel. | Histology, McCleary. |
| 3 | Physiology. Quiz. | Anatomy, Quiz. | Physiology, Quiz. | Materia Medica, Quiz. | Anatomy, Quiz. | Materia Medica. Quiz |
| 3 | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. |

Students are excused from Quiz Classes that conflict with dissections.

DAILY ORDER OF LECTURES—SECOND YEAR, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | | | Bacteriological Lecture. | Chemical Laboratory. | Physiological Chemistry, McGlannan. | Chemistry, Organic, Simon. |
| 10 | Bacteriological Laboratory. | Chemical Laboratory. | Anatomical Demonstration. | | Bacteriological Laboratory. | Pathology Quiz. |
| 11 | | Physiology. Preston. | Pathology, Quiz. | Physiology, Preston. | | Physiology, Preston. |
| 12 | Anatomy, Smith. | Physiological Laboratory. | Anatomy, Smith. | Physiological Laboratory. | Anatomy, Smith. | Physiological Laboratory |
| 1 | Hygiene, Rohé. | Pharmacology, Fort. | Pathology and Med. Juris. | Pharmacology, Fort. | Pathology and Med. Juris. | Pharmacology, Fort. |
| 2 | Physiology, Quiz. | Anatomy, Quiz. | Physiology, Quiz. | Pharmacology, Quiz. | Anatomy, Quiz. | Pharmacology. Quiz. |
| 3 | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. |
| 3.30 | | Pathological Laboratory. | | Pathological Laboratory. | | |

Students are excused from Quiz Classes that conflict with dissections.

DAILY ORDER OF LECTURES—THIRD YEAR, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturdays. |
|---|---|---|---|---|---|---|
| 9 | | | Phys'l Diagnosis, Sanger. | | | |
| 10 | Surgery, Bevan. | Surgery, Chambers. | Surgery, Bevan. | Gynæcology, Gardner. | Surgery, Bevan. | Pediatrics, Ruhräh. |
| 11 | Prac. Med., Latimer. | Genito Urinary Surgery. | Prac. Med., Latimer. | Operative Surg., Chambers. | Prac. Med., Latimer. | Operative Surg., Chambers. |
| 12 | Therapeutics, Rohé. | Clinical Diag. in Path. Labo'ry. | Therapeutics. Quiz. | Therapeutics, Rohé. | Dis. of Ear, H. Friedenwald. | Dermatology, Smith. |
| 1 | Dis. of Nervous System, Preston. | Dis. of Eye, A. Friedenwald. | Clin. Gynæcology Opie. | Mental Diseases, Rohé. | Dis. of Eye, A. Friedenwald. | Clin. Gynæcology Opie. |
| 3 | Obstetrics, Jones. | Phys'l Diagnosis. Sanger. | Obstetrics. Quiz. | Obstetrics, Jones. | Dis of Stomach, J. Friedenwald. | Phys'l Diagnosis, Sanger |
| 4 | Surgical. | Medical. | | Surgical. | | |
| 5 | Quiz. | Quiz. | | Quiz. | | |

DAILY ORDER OF LECTURES—FOURTH YEAR, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | Hospital Work. | Hospital Work. | Hospital Work. | Hospital Work. | Hospital Work. | Hospital Work. |
| 10 | Surgery, Bevan. | Surgery, Chambers. | Surgery, Bevan. | Gynæcology, Gardner. | Surgery, Bevan. | Pediatrics, Ruhräh. |
| 11 | Prac. Med., Latimer. | Genito Urinary Surgery. | Prac. Med., Latimer. | Operative Surg., Chambers. | Prac. Med., Latimer. | Operative Surg., Chambers. |
| 12 | ⅓ in Surgical and Gynæcology Ward Classes. ⅓ in Medical Ward Class. ⅓ in Dispensary. | | | | | Dermatology, Smith. |
| 1 | | | Clin. Gynæcology Opie. | | | Clin. Gynæcology Opie. |
| 3 | Obstetrics, Jones | | Operative Obstet., Jones & Brack. | Obstetrics, Jones. | Dis's of Stomach, J. Friedenwald. | |
| 4 | | | | | | Demonstration at Maternity, Brack. |

# The Baltimore College of Dental Surgery.

CHARTERED BY THE LEGISLATURE OF MARYLAND IN 1839.

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B. HOLLY SMITH, M. D., D. D. S., Professor of Dental Surgery and Operative Dentistry.
THOMAS S. LATIMER, M. D., Professor of Physiology and Comparative Anatomy.
WILLIAM SIMON, Ph. D., M. D., Professor of Chemistry.
CHARLES F. BEVAN, M. D., Clincal Professor of Oral Surgery.
J. W. CHAMBERS, M. D., Professor of Anatomy.
GEORGE H. ROHE, M. D., Professor of Materia Medica.

## LECTURERS.

WM. F. SMITH, A. B., M. D., Regional Anatomy.
R. BAYLY WINDER, Phar. G., D. D. S., Materia Medica.
EDW. HOFFMEISTER, Ph. D., D. D. S., Materia Medica.
J. N. FARRAR, M. D., D. D. S., Irregularities.
JOHN H. MEYER, D. D. S., Continuous Gum.
DR. GEORGE EVANS, Crown and Bridge-work.
DR. K. C. GIBSON, Artificial Palates and Fractured Maxillaries.

## CLINICAL INSTRUCTORS.

J. S. WATERS, D. D. S., Chief Clinical Instructor, Resident, Md.

CORYDON PALMER, D. D. S. ....Ohio.
E. PARMLY BROWN, D. D. S....N. Y.
A. L. NORTHROP, D. D. S.....N. Y.
E. L. HUNTER, D. D. S.....N. C.
W. W. WALKER, D. D. S..... N. Y.
F. C. BARLOW.....N. J.
GEO. ADAMS, D. D. S.....N. J.
OSCAR ADELBURG, D. D. S.....N. J.
G. MARSHALL SMITH, D. D. S.... Md.
C. M. GINGRICH, D. D. S., Resident, Md.
J. HALL MOORE, D. D S.....Va.
R. B. DONALDSON, D. D, S.....D. C.
H. A. PARR, D. D. S.....N. Y.
J. EMORY SCOTT, D. D. S..... Md.
C. L. ALEXANDER, D. D. S.....N. C
C. A. MEEKER, D. D. S.....N. J.
M. M. MAINE, D. D. S.....Conn.

## DEMONSTRATORS.

WILLIAM G. FOSTER, D. D. S., Demonstrator of Operative Denistry.
GEO. E. HARDY, M. D., D. D. S., Demonstrator of Mechanical Dentistry.
EDW. HOFFMEISTER, PH. D., D. D. S., Demonstrator of Chemistry

## ASSISTANT DEMONSTRATORS.

W. W. DUNBRACCO, D. D. S.
J. C. SUTHERLAND, D. D. S.
R. O. SADLER, D. D. S.
HARRY E. KELSEY, D. D. S.
J. K. BURGESS, D. D. S.
GEO. V. MILHOLLAND, D. D. S.
L. M. PARSONS, D. D. S.
C. H. CARSON, D. D. S.

FRANK D. SANGER, M. D., Demonstrator of Anatomy.
H. H. HAYDEN, M. D., Demonstrator of Anatomy.
C. F. BLAKE, M. D., Assistant Demonstrator of Anatomy.

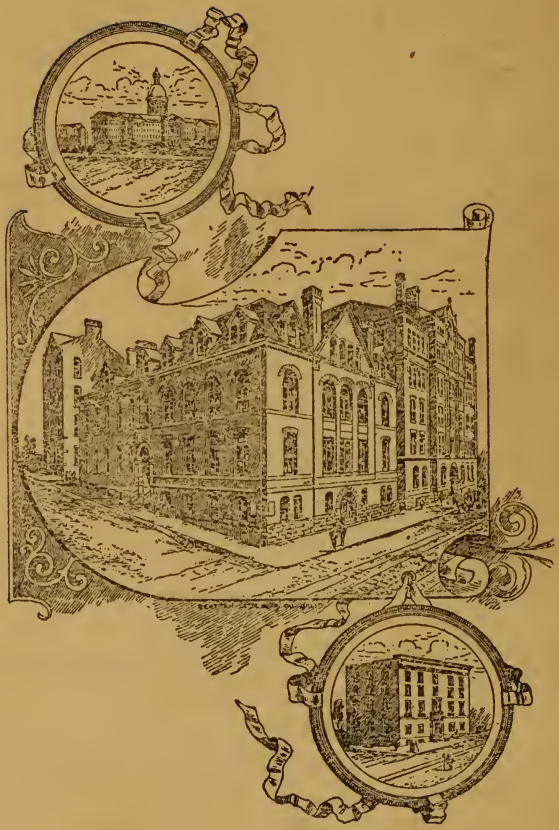
The Fifty-ninth Annual Session will commence on the 1st of October, 1898, and continue until April, 1899.

The Infirmary is open during the entire year for Dental Operations.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

M. W. FOSTER, M. D., D. D. S., DEAN,

9 W. FRANKLIN STREET, BALTIMORE, MD.



Jan 1911

# COLLEGE OF

# PHYSICIANS AND SURGEONS

OF

BALTIMORE, MD.

1899-1900

# COLLEGE OF

# PHYSICIANS AND SURGEONS,

BALTIMORE, MD.

## ANNUAL ANNOUNCEMENT AND CATALOGUE.

1899-1900

28th ANNUAL SESSION.

BALTIMORE:
The Sun Book and Job Printing Office.
1899.

## CITY HOSPITAL.

### VISITING STAFF.

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Prof. CHARLES F. BEVAN, M. D.
Prof. A. FRIEDENWALD, M. D.
Prof. THOMAS OPIE, M. D.
Prof. J. W. CHAMBERS, M. D.
Prof. H. FRIEDENWALD, M. D.
Prof. W. S. GARDNER, M. D.

*Physicians:*

Prof. THOS. S. LATIMER, M. D.
Prof. GEO. J. PRESTON, M. D.
Prof. WM. F. LOCKWOOD, M. D.
Prof. JUL. FRIEDENWALD, M.D.
Prof. F. DYER SANGER, M. D.

### PATHOLOGIST.

Prof. N. G. KEIRLE, A. M., M. D.

### HOUSE STAFF.

HERMAN WESTPHAL, M. D., *Resident Physician.*
N. G. KEIRLE, JR., M. D., *1st Assistant Resident Physician.*
EDWIN V. MURPHY, M. D., *2d Assistant Resident Physician.*
HARRY HUBBARD, M. D., *3d Assistant Resident Physician.*
ELTON SMITH OSBORNE, M. D., *4th Assistant Resident Physician.*

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## MATERNITÉ HOSPITAL.

*Visiting Obstetrician,* - - Prof. C. HAMPSON JONES, M. D.
*Visiting Obstetrician,* - Associate Prof. CHARLES E. BRACK, M.D.
*Resident Physician,* - - - W. J. LEAHY, M. D.
*Assistant Resident Physician,* - J. C. FRAZIER, M. D.

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## BAY VIEW HOSPITAL.

*Surgeons:*

Prof. THOMAS OPIE, M. D.
Prof. CHARLES F. BEVAN, M. D.
Prof. A. FRIEDENWALD, M. D.
Prof. J. W. CHAMBERS, M. D.
Prof. W. F. SMITH, A. B., M. D.
Prof. H. FRIEDENWALD, A.B.,M.D.
Prof. STANDISH MCCLEARY, M.D.
Prof. W. S. GARDNER, M. D.
Prof. SYLVAN H. LIKES, M. D.

*Physicians:*

Prof. THOS. S. LATIMER, M. D.
Prof. GEO. J. PRESTON, M. D.
Prof. WM. F. LOCKWOOD, M.D.
Prof. F. DYER SANGER, M. D.
Prof. C. H. JONES, M.B., (Edin.) M. D.
Prof. JULIUS FRIEDENWALD, A. M., M. D.
Prof. CHARLES F. BLAKE, M.D.

Dr. H. H. HAYDEN, M. D.

## SPECIALISTS.

Prof. GEORGE J. PRESTON, M. D., *Diseases of the Nervous System.*
Prof. THOMAS OPIE, M. D., *Diseases of Women.*
Prof. W. F. SMITH, M. D., *Diseases of the Skin.*
Prof. FRANK DYER SANGER, M.D., *Diseases of the Nose and Throat.*
Prof. HARRY FRIEDENWALD, M.D., *Diseases of the Eye and Ear.*
Prof. JULIUS FRIEDENWALD, *Diseases of the Stomach.*

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## RESIDENT PHYSICIANS.

ERNEST A. KNORR, M. D., *Resident Physician.*
H. G. SIMPERS, M. D., *Assistant Resident Physician.*

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## DISPENSARY STAFF.

*Physician in Charge:*
CHARLES EMIL BRACK, M. D.

*Assistant Physician in Charge:*
W. W. REQUARDT, M. D.

*Surgery:*
W. W. REQUARDT, M. D.

*Skin Diseases:*
WM. F. SMITH, M. D.
SYLVAN H. LIKES, M. D.

*Diseases of the Eye and Ear:*
A. FRIEDENWALD, M. D.
HARRY FRIEDENWALD, M. D.

*Nose, Throat and Chest:*
FRANK DYER SANGER, M. D.
A. W. MACDONALD, M. D.
G. W. MITCHELL, M. D.
ALEXIUS MCGLANNAN, M. D.

*Diseases of Children:*
ALBERTUS COTTON, M. D.

*Diseases of Women:*
W. S. GARDNER, M. D.
M. EKSTRÖMER, M. D.

*Genito-Urinary Surgery:*
SYLVAN H. LIKES, M. D.
WM. WOLF, M. D.

*Practice of Medicine:*
JULIUS FRIEDENWALD, M. D.
HARVEY G. BECK, M. D.
G. M. LITSINGER, M. D.
SAM'L B. GRIMES, M. D.

*Nervous Diseases:*
A. G. BARRETT, M. D.

*Clerk:*
LOUIS BERLIN.

*Registrar:*
ALFRED ULLMAN.

# Faculty.

ABRAM B. ARNOLD, M. D.,
*Emeritus Professor of Clinical Medicine.*

THOMAS OPIE, M. D.,
*Professor of Gynecology and Dean of the Faculty.*

THOMAS S. LATIMER, M. D.,
*Professor of Principles and Practice of Medicine and Clinical Medicine.*

AARON FRIEDENWALD, M. D.,
*Professor of Diseases of the Eye and Ear.*

CHARLES F. BEVAN, M. D.,
*Professor of Principles and Practice of Surgery, Clinical and Genito-Urinary Surgery.*

WM. SIMON, PH. D., M. D.,
*Professor of Chemistry.*

J. W. CHAMBERS, M. D.,
*Professor of Surgical Anatomy, Operative and Clinical Surgery.*

GEORGE J. PRESTON, A. B., M. D.,
*Professor of Physiology and Diseases of the Nervous System.*

N. G. KEIRLE, A. M., M. D.,
*Professor of Pathology and Medical Jurisprudence.*

C. HAMPSON JONES, M. B., C. M. (EDIN.) M. D.,
*Professor of Obstetrics.*

W. F. SMITH, A. B., M. D.,
*Professor of Anatomy and Dermatology.*

WILLIAM F. LOCKWOOD, M. D.,
*Professor of Materia Medica, Therapeutics and Clinical Medicine.*

EDWARD N. BRUSH, M. D.,
*Professor of Psychiatry.*

B. HOLLY SMITH, M. D., D. D. S.,
*Professor of Principles and Practice of Dental Surgery as applied to Medicine.*

HARRY FRIEDENWALD, A. B., M. D.,
*Associate Professor of Diseases of the Eye and Ear.*

JULIUS FRIEDENWALD, A. M., M. D.,
*Clinical Professor of Diseases of the Stomach and Director of the Clinical Laboratory.*

WILLIAM S. GARDNER, M. D.,
*Associate Professor of Gynecology.*

FRANK DYER SANGER, M. D.,
*Clinical Professor of Diseases of Nose, Throat and Chest.*

STANDISH McCLEARY, M. D.,
*Associate Professor of Physiology and Demonstrator of Histology and Pathology.*

CHARLES E. BRACK, M. D.,
*Associate Professor of Obstetrics and Lecturer on Pharmacy.*

JOHN RUHRÄH, M. D.,
*Associate Professor of Diseases of Children and Demonstrator of Pathology.*

H. H. HAYDEN, M. D.,
*Demonstrator of Anatomy.*

CHARLES F. BLAKE, M. D.,
*Associate Prof. of Surgery and Assistant Demonstrator of Anatomy.*

SYLVAN H. LIKES, M. D.,
*Associate Professor of Genito-Urinary Surgery and Demonstrator of Clinical Microscopy.*

SAMUEL J. FORT, M. D.,
*Associate Professor of Materia Medica and Pharmacology.*

DANIEL BASE, PH. D.,
*Associate Professor of Chemistry.*

ALEXIUS McGLANNAN, M. D.,
*Associate Professor of Physiological Chemistry and Demonstrator of Physiology.*

HARVEY G. BECK, M. D.,
*Demonstrator of Clinical Medicine and Demonstrator in Clinical Laboratory.*

MOSES SAVAGE, M. D.,
*Assistant Demonstrator of Clinical Medicine.*

LOUIS F. KORNMAN, M. D.,
*Assistant Demonstrator of Anatomy.*

WILLIAM B. WOLF, M. D.,
*Assistant Demonstrator of Pathology.*

ALBERTUS COTTON, M. D.,
*Demonstrator of Surgery and Assistant Demonstrator of Anatomy.*

THOMAS R. BROWN, A. B., M. D.
*Demonstrator in Clinical Laboratory*

M. EKSTRÖMER, M. D.,
*Demonstrator of Chemistry.*

W. W. REQUARDT, M. D.,
*Demonstrator of Surgery.*

A. W. MACDONALD, M. D.,
*Demonstrator of Diseases of Nose, Throat and Chest.*

G. W. MITCHELL, M. D.,
*Demonstrator of Diseases of Nose, Throat and Chest.*

# Announcement.

THE COLLEGE OF PHYSICIANS AND SURGEONS will begin its Twenty-eighth Annual Course of Lectures on Monday, October 2d, 1899.

This school was organized and incorporated under the general laws of the State of Maryland in 1872. The Washington University School of Medicine was established in 1827. In 1878, by act of the Legislature, these two schools were consolidated under the name of College of Physicians and Surgeons.

## Requisites for Admission.

The requisites for admission are those established by the American Medical College Association and consist of an entrance examination in algebra, higher arithmetic, elements of physics, Latin prose and an English composition of two hundred words.

Graduates or matriculants of reputable colleges, or graduates of high schools of the first grade, or normal schools established by State authority, or those who may have successfully passed the entrance examination provided by the statutes of the State of New York, shall be exempt from the above requirements.

Students conditioned in one or more of the branches enumerated as requirements for matriculation shall have until the beginning of the second year to make up such deficiencies.

## Students from Other Schools.

Students who have attended one course of Lectures in a reputable medical school can be admitted to our second year.

Students who have attended two courses in other reputable schools can be admitted to our third year class, and will receive credit for such branches as they have passed upon; such branches, however, as they have not passed upon previously, must be taken with our second-year students.

All students must take in full the branches of the fourth year.

Graduates in schools of Pharmacy, Dentistry and Veterinary medicine are given advanced standing in this school.

# College Building.

Since the close of the last session the College has been rebuilt. The new edifice has been most carefully studied so as to thoroughly adapt it to all the requirements of the modern medical school. Special attention has been paid to the *heating* and ventilating of the new building, and it may be confidently stated that it meets the needs of the student and at the same time ministers to his comfort. Embodying the latest ideas of construction and adaptation to modern medical requirements, it may be safely said that this building is one of the *best* and most thoroughly equipped in the country.

The first floor is devoted to the Dispensary work, and contains also the heating, lighting, cold storage and ventilating machinery of the building.

The second floor is arranged for two large class-rooms, Clinical Laboratory, Pasteur Laboratory, and Library.

The third floor has two Amphitheatres, beautifully lighted, Clinical Laboratory, Pathological Laboratory, Physiological Laboratory, and Chemical Laboratory, toilet and accessory rooms.

The fourth floor of the new building is devoted to clinical work. A modern amphitheatre, seating 400 students, surrounded by a large suite of accessory rooms for sterilization, anæsthetizing, dressings and operations of minor character, as well as a well-equipped Bacteriological Laboratory.

The Anatomical Department is commodious, well lighted and thoroughly equipped.

In the new College building the dominant thought has been to adapt the new structure to the needs of the modern medical student; to bring student and teacher in close and intimate contact; to make laboratory and clinical work go hand in hand, and ultimately render the student independent and capable of carrying

on his own work. In the methods of teaching adopted to-day less attention is given to lecture-room work. There is a growing reliance upon clinics, laboratory work, quizzes, and bedside instruction.

## Laboratories.

As will be seen in the description of the new building, the laboratory facilities of the College have been greatly increased. Complete laboratory courses are given in Anatomy, Osteology, Histology, Chemistry, Physiology, Physiological Chemistry, Materia Medica and Pharmacology, Pathology, Bacteriology, and Hygiene.

These laboratories are furnished with the most modern equipment, and every effort is put forth to make this important branch of the curriculum as complete and thorough as possible.

## Baltimore City Hospital Training School for Nurses.

A Training School for Nurses has been established at the City Hospital.

The course of instruction is given by the faculty of the College of Physicians and Surgeons and extends over three years. The efficiency of the Hospital has thereby been greatly increased, and the ward teaching materially facilitated.

# Courses and Methods of Instruction.

## Anatomy.

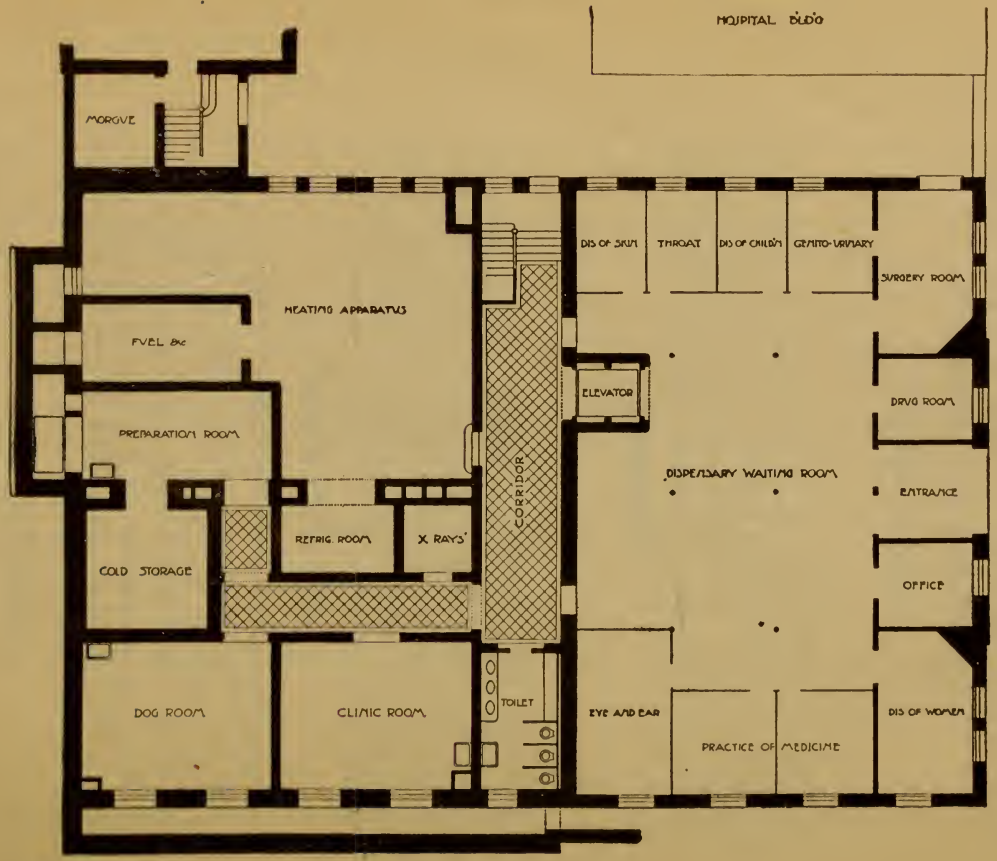
The course in Anatomy extends over the first two years and consists of lectures, recitations and demonstrations to section of classes and dissections by the student. The dissecting-rooms, under the direction of the Demonstrators of Anatomy, are open daily throughout the session.

## Histology.

Six hours a week are devoted to laboratory work and two hours to didactic instructions. The elementary tissues are first examined, and this is followed by a careful study of the various organs. The object is to put especial stress on those features of the work which will enable the student to be thoroughly equipped to take up Pathological Histology and Clinical Microscopy.

## Physiology.

The course in Physiology consists of three parts—Didactic Lectures, a laboratory course in Practical Physiology, and a laboratory course in Physiological Chemistry. The didactic course, consisting of lectures and recitations, extends over the first and second years, three hours a week. An effort is made in the lecture course to present the subject of Physiology in a practical manner, thus preparing the student for the study of Clinical Medicine. A passing examination is held at the end of the first year, and the examination at the close of the second year is final.

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### Physiological Laboratory.

This course supplements the lectures of the Professor of Physiology by practical work. The students perform, under the direction of the Demonstrator, most of the fundamental physiological experiments. This practical course embraces the subjects of the circulation, digestion, respiration, muscular contraction, reflex action and the special senses. The laboratory is well equipped with all the instruments used in physiological research.

### Physiological Chemistry.

In this course the student is instructed in the cellular chemistry of the tissues and organs of the animal body, the formation and nature of secretions and excretions, the chemical methods capable of clinical application, and the study of foods, with particular reference to nutritive value. The laboratory is well equipped, and opportunity is given for advanced work.

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## Chemistry.

The course in Chemistry will embrace lectures on Inorganic and Organic Chemistry. The practical course will consist of general qualitative and quantitative analyses. The laboratory is fitted up in the best manner, and every convenience is afforded the student in this department.

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## Materia Medica.

### Pharmacology and Therapeutics.

The course in Materia Medica consists of didactic lectures, together with the demonstration of the drugs. In the department of Pharmacology the physiological action of drugs is studied and experiments are made upon the lower animals.

These two subjects prepare the student for the study of Therapeutics, which is concluded in the third year.

## Pathology and Bacteriology.

The Professor of Pathology, in addition to his didactic lectures on Pathology and legal medicine, and his demonstrations of gross pathological anatomy, will also give instruction in microscopic examination and diagnosis of morbid growths, urinary deposits and other pathological secretions and products.

In this school the facilities for acquiring a knowledge of practical Pathology are unsurpassed.

All post-mortem examinations are made in a commodious and well-lighted amphitheatre, and students are enabled to inspect morbid lesions *in situ*. The Professor of Pathology being the official post-mortem examiner of the city, has frequent opportunities to practically demonstrate cases of medico-legal interest before the class.

Ample facilities are afforded for work in Bacteriology, and the laboratory is constantly open for any students who wish to do special work.

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## The Practice of Medicine.

The Practice of Medicine is taught as far as practicable by direct clinical observation. To this end a number of branches are in the hands of competent teachers, who take the class in small sections and make them familiar with the clinical features of disease in their several departments as they are illustrated in the numerous cases furnished by the hospitals, the Dispensary, the Nursery and Child's Home. Thus clinical instruction in the diseases of childhood is given to every student by a capable instructor. Physical signs of disease are in like manner taught by direct study, under a specialist in that field, in cases numerous enough to illustrate all the phenomena of cardiac and pulmonary diseases.

Diseases of the alimentary canal are likewise practically taught, and all the modern methods of testing digestion, of stomach washing, and electric illumination, are shown to each student. In the Clinical Laboratories the microscopy of the blood and urine, with their chemical reactions, the presence and diagnostic

value of micro-organisms in sputa, and alimentary secretions, are worked out by each student.

In addition to these special fields of work, each student is, several times during the session, given a case in the hospital to diagnose, report and defend before the class, subject to the criticism of the Professor of Medicine, who also delivers two didactic lectures and one clinic weekly.

In the didactic field all the more important diseases illustrating the principles and practice of medicine are carefully considered, and the lectures are supplemented by repeated quizzes.

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## Surgery.

The course in Surgery covers the work of the third and fourth years. During the third year, by lectures, quizzes and systematic reading, the ground of Surgical Pathology—wounds, burns, fractures and dislocations—is most carefully considered. At the same time all of the various surgical operations are taught by description and then by direct work, either upon the lower animals or upon the cadaver. This work being done by the students and overlooked by the Professors and Demonstrators, carries with it the advantages of clinical work. Surgical dressings, bandaging and minor surgery is taught in the most practical manner. The time of the fourth year is devoted to clinical work.

The lecture course covers the ground of Regional and Special Surgery. Several general surgical clinics are held each week. Genito-Urinary Surgery is taught by both special lectures and abundant clinical work.

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## Obstetrics.

Two lectures are delivered every week. The entire subject is considered carefully, with especial attention given to the practical problems that frequently confront the obstetrician.

To ensure that the principles taught are properly understood, one quiz each week is given by the professor in charge. On these

occasions, also, the conservative operations (forceps, versions, etc.) are demonstrated on the manikin, and every student is required to perform each operation.

Once a week, classes are instructed at the bedside in palpation, vaginal examinations, pelvimetry, and the aseptic methods used by the obstetrician. In addition, practical experience is given students to witness cases of labor at the Lying-in Hospital. Here they watch the cases during the entire period of labor, and make examinations to determine its progress.

In the final year students are given out-door cases, which they manage as they would in private practice, but with the supervision of the chief of clinic. For this work the student is given a special certificate at the time he graduates.

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## Gynecology.

The main object in this department of school work is to give the student of medicine personal and practical experience in the various methods of examining women, which is the keynote to the diagnosis of diseases peculiar to this class of patients. He witnesses the various minor operations on the female genital organs as well as those of abdominal surgery, and is taken into the public wards for bedside instruction as to the after treatment.

One didactic and two clinical lectures are delivered each week.

The senior class is divided into sections of six, who are trained in digital, bi-manual and instrumental explorations in the Woman's Department of the Dispensary, and are instructed in the after treatment of cases in the ward for white women in the City Hospital and the ward for colored women in the City Hospital Annex.

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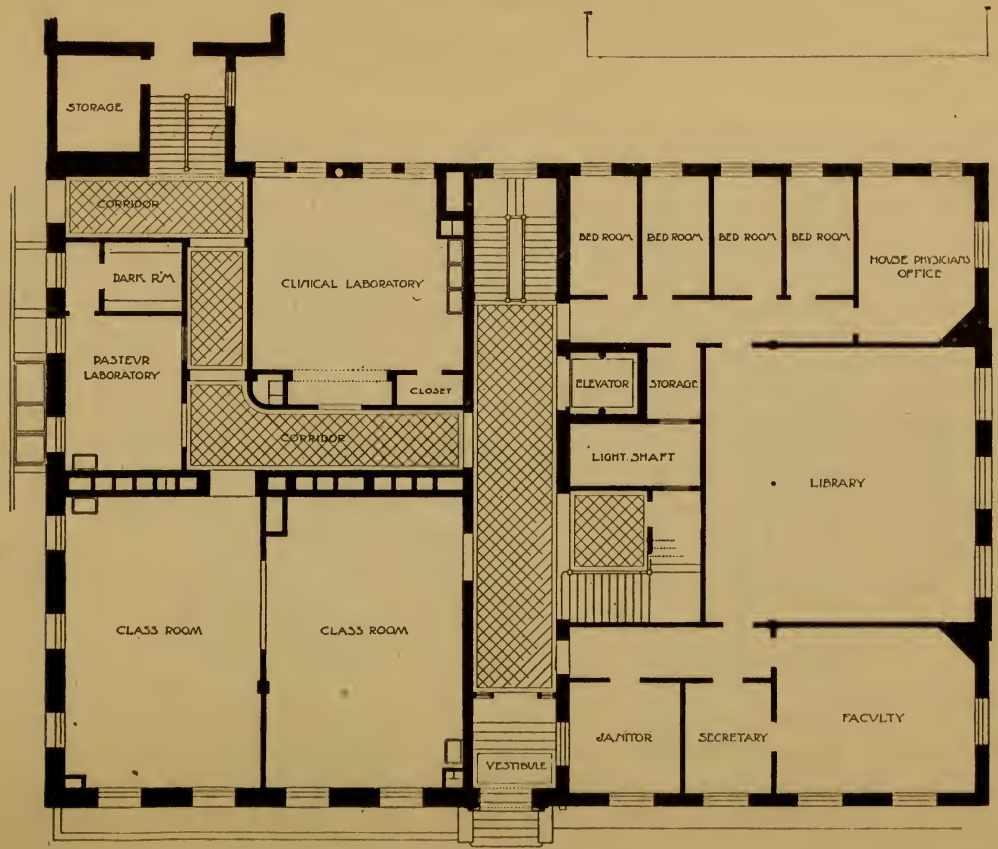
## Ophthalmology and Otology.

The course in Diseases of the Eye and Ear will consist of didactic and clinical lectures before the general class.




- FIRST - FLOOR - PLAN -

Demonstrations will be conducted in which thorough examinations are offered to smaller numbers, and the use of the ophthalmoscope, perimeter, methods of correcting errors of refraction, together with the various modes of treatment of the eye and ear, will be shown.

## Neurology.

This course is almost wholly clinical. The fourth year class is divided into sections, and the students are given cases to study in the wards. The City Hospital, the Dispensary, and especially the extensive chronic wards at Bay View Asylum, furnish an exceptionally large amount of clinical material in this branch.

Students will also receive practical instruction in the use of electricity.

## Mental Diseases.

Lectures on this important branch are delivered to the fourth-year students, and, when possible, illustrated by clinical work. The facilities of the College in this respect are extremely fine.

## Diseases of the Nose, Throat and Chest.

The senior class will be divided into sections of ten. Each class will be given daily (afternoon) consecutive lessons covering all the physical signs of Diseases of the Heart, Throat and Lungs. There will also be ward class instruction, which will be confined to the instrumental manipulations in laryngoscopical and rhinoscopical examinations.

## Pediatrics.

This course is both didactic and clinical. Students are taken to the Nursery and Child's Hospital, where ample facilities are afforded. This subject is taught in the fourth year and requires one lecture each week.

## Legal Medicine.

The Professor of Pathology and Legal Medicine is also the official post-mortem examiner of the city. This enables him to be of special service, and to bring before the class many examples in which rare and exceptional medico-legal points are brought out. These examinations are conducted before the class.

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## Hygiene.

This subject is taught by special lectures, demonstrations and laboratory work. It extends through the first year.

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## Dermatology.

Lectures and clinical work on the many diseases of the skin can be daily illustrated by the large number of patients visiting the Dispensary. One hour each week for the fourth year is required.

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## Diseases of the Stomach.

This special branch is taught by lectures and clinics. All of the various modern methods of diagnosis, manipulation and electric illumination are shown. One hour weekly is given to this branch.

# Clinical Facilities.

## The Baltimore City Hospital.

This hospital is under the exclusive medical control of the College of Physicians and Surgeons. It adjoins the College building, thus permitting clinical material to be brought directly into the amphitheatres and greatly facilitating the ward work of the students.

This well-known and capacious hospital is situated in the centre of the city and furnishes abundant and varied clinical material.

## Hospital for the Colored Race.

This hospital, which has a capacity of one hundred beds, is located on the west side of and connected with the Baltimore City Hospital.

It was the first hospital erected in the State of Maryland for the colored race, and is under the exclusive medical control of the College of Physicians and Surgeons.

## Bay View Hospital.

This hospital is situated in the eastern suburbs of Baltimore and contains 2,000 beds, inclusive of the department for the insane.

Regular clinics are here given during the winter and spring sessions by the Faculty of this school. The amphitheatres are well lighted and comfortable, and the very large amount of material affords unusual opportunities for practical teaching.

## Nursery and Child's Hospital.

The Nursery and Child's Hospital, located at the corner of Franklin and Schroeder streets, covering over three acres of ground, is devoted entirely to the diseases of infancy or childhood. Its large dispensary affords many interesting cases, while the hospital is always filled. It has accommodation for 150 beds. Clinics in children's diseases are regularly held here, and excellent opportunities are offered the students for bedside studies.

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## The Maryland Lying-in Asylum.

The Maryland Lying-in Hospital, in which the obstetrical clinics are held, was established by the College in 1874. It is the pioneer institution of its kind in the State of Maryland and one of the first in this country. It is located at 115 West Lombard street, between Hanover and Sharp streets, about five minutes' walk from the College.

The Lying-in Hospital is open during the entire year, and furnishes every student in the graduating class of this school invaluable clinical advantages in the study of midwifery.

Members of the graduating class are required to register at the Lying-in Asylum, and will be summoned to the clinic upon the occurrence of a labor case by prompt messenger service.

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## City Hospital Dispensary.

The Dispensary Rooms, occupying the ground floor of the new College building, have been constructed on the most approved plans. Separate rooms are set apart for the different clinics, general and special. A full dispensary staff is in attendance between the hours of 12 M. and 2 P. M. A very large amount of clinical material is thus rendered available for purposes of instruction. The value of this dispensary can be appreciated by the fact that the number of patients was 24,778 during the year ending April 30th, 1898.

## Pasteur Department.

The Faculty desire to call particular attention to the Pasteur Department, which has been recently established at the City Hospital for the preventive treatment of Hydrophobia according to Pasteur's method.

The patients are cared for in the City Hospital, and such cases as are in the wards will be subject to observation by students.

Owing to the fact that a great many dogs and other animals suspected to be rabid are brought to the laboratory for examination, the student will have frequent opportunities to see rabid animals and to learn to diagnosticate the disease both by symptoms and laboratory methods.

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## Department of Dentistry.

The College of Physicians and Surgeons has an arrangement with the Baltimore College of Dental Surgery (the oldest dental school in the world) by which the students of each school can avail themselves of such facilities for instruction as are possessed by either.

## DAILY ORDER OF LECTURES—First Year, 1898-'99.

THIS SCHEDULE IS SUBJECT TO CHANGE.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | Chemistry. | | Bacteriology. Lecture. | Chemistry. | Osteology. | Embryology. Lecture. |
| 10 | Chemical Laboratory. | Osteology. | Chemical Laboratory. | Osteology. | Chemical Laboratory. | Osteology. |
| 11 | Histological Laboratory. | Physiology. Preston. | Histological Laboratory. | Physiology. Preston. | Histological Laboratory. | Physiology. Preston. |
| 12 | Anatomy. | Materia Medica. | Anatomy. | Materia Medica. | Anatomy. | Materia Medica. |
| 1 | Hygiene. | Histology. | Osteology. | Histology. | Osteology. | Histology. |
| | Physiology. Quiz. | Anatomy. Quiz. | Physiology. Quiz. | Materia Medica. Quiz. | Anatomy. Quiz. | Materia Medica. Quiz. |
| | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. |

# DAILY ORDER OF LECTURES—Second Year, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | | | Bacteriological Lecture. | Chemical Laboratory. | Physiological Chemistry. | Chemistry, Organic. |
| 10 | Bacteriological Laboratory. | Chemical Laboratory. | Anatomical Demonstration. | | Bacteriological Laboratory. | Pathology. Quiz. |
| 11 | | Physiology. | Pathology. Quiz. | Physiology. | | Physiology. |
| 12 | Anatomy. | Physiological Laboratory. | Anatomy. | Physiological Laboratory. | Anatomy. | Physiological Laboratory. |
| 1 | Hygiene. | Pharmacology. | Pathology and Med. Juris. | Pharmacology. | Pathology and Med. Juris. | Pharmacology. |
| 3 | Physiology. Quiz. | Anatomy. Quiz. | Physiology. Quiz. | Pharmacology. Quiz. | Anatomy. Quiz. | Pharmacology. Quiz. |
| 3 | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. | Dissecting. |
| 3.30 | | Pathological Laboratory. | | Pathological Laboratory. | | |

## DAILY ORDER OF LECTURES—Third Year, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | | | Phys'l Diagnosis. | | | |
| 10 | Surgery. | Surgery. | Surgery. | Gynecology. | Surgery. | Pediatrics. |
| 11 | Prac. Med. | Genito Urinary. | Prac. Med. | Operative Surg. | Prac. Med. | Operative Surg. |
| 12 | Therapeutics. | Clinical Diag. in Path. Labo'ry. | Therapeutics. Quiz. | Therapeutics. | Dis. of Ear. | Dermatology. |
| 1 | Dis. of Nervous System. | Dis. of Eye. | Clin. Gynecology. | Mental Diseases. | Dis. of Eye. | Clin. Gynecology. |
| 3 | Obstetrics. | Phys'l Diagnosis. | Obstetrics. Quiz. | Obstetrics. | Dis. of Stomach. | Phys'l Diagnosis. |
| 4 | Surgical. | Medical. | | Surgical. | | |
| 5 | Quiz. | Quiz. | | Quiz. | | |

## DAILY ORDER OF LECTURES—Fourth Year, 1898-'99.

| Hour. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | Hospital Work. | Hospital Work. | Hospital Work. | Hospital Work. | Hospital Work. | Hospital Work. |
| 10 | Surgery. | Surgery. | Surgery. | Gynecology. | Surgery. | Pediatrics. |
| 11 | Prac. Med. | Genito Urinary Surgery. | Prac. Med. | Operative Surg. | Prac. Med. | Operative Surg. |
| 12 | ⅓ in Surgical and Gynecology Ward Classes. ⅓ in Medical Ward Class. ⅓ in Dispensary. | | | | | Dermatology. |
| 1 | | | Clin. Gynecology. | | | Clin. Gynecology. |
| 3 | Obstetrics. | | Operative Obstet. | Obstetrics. | Dis's of Stomach. | |
| 4 | | | | | | Demonstration at Maternity. |

## TEXT-BOOKS.

(*The first named book in each branch is preferred.*)

SURGERY.—American Text-Book of Surgery, $7; Moullin's Treatise on Surgery, $6; Treves' Op. Surg., $7.20; Smith's Op. Surg., $3.20; Jacobson's Op. Surg., $4; Park's Surgery, Stinson.

PRACTICE OF MEDICINE.—Strumpell, $4.80; Osler, $5.50; Taylor, $2; Tyson, $5.50; Bosworth and Seiler on Nose and Throat; Pepper's System, $10; Page's Physical Diagnosis, 5th ed., $1.60.

OBSTETRICS.—American Text-Book, Lusk, $4.

DISEASES OF WOMEN.—Penrose, Dudley; Greig Smith on Abdominal Surgery.

ANATOMY.—Morris, Gray, Gerrich, Cunningham; Holden's Osteology.

HISTOLOGY.—Piersol, Klein.

MATERIA MEDICA.—Potter's 5th Edition Materia Medica and Therapeutics; Thornton's Dose Book and Manual of Prescription Writing.

PHYSIOLOGY.—Kirke's, $3.25; Landois and Stirling, $5.60; Foster, $3.60.

CHEMISTRY AND TOXICOLOGY.—Simon's Manual, $3.00; Charles Simon, Clinical Diagnosis, $2.80; Remsen's Theoretical Chemistry, $1.60; Blyth on Poisons.

DISEASES OF THE EYE AND EAR.—Swanzy on the Eye, $2.50; Fuchs on the Eye, $5.00; De Schweinitz on the Eye, $4.80; Barr on the Ear; Politzer on the Ear.

SKIN DISEASES.—Hardaway, Duhring.

DISEASES OF CHILDREN.—Smith, $3.60.

PATHOLOGY.—Green, Stengel, Coplin, Ziegler; Pathological Technique, Mallory and Wright.

BACTERIOLOGY.—Muir, Ritchie, Abbott, Frankel, McFarland.

FORENSIC MEDICINE AND TOXICOLOGY.—Taylor, Reese, J. Dixon Mann, M. D.

POST-MORTEM TECHNIQUE.—Hektoen, $1.75.

NERVOUS DISEASES.—Dana, $2.60; Gowers, $6.40; Preston on Hysteria.

MENTAL DISEASES.—Savage on Insanity, $1.60; Stearns on Mental Diseases.

GENITO-URINARY DISEASES.—White and Martin; R. W. Taylor on Venereal Diseases.

PHARMACOLOGY AND THERAPEUTICS.—H. C. Wood, Shoemaker, U. S. Dispensatory.

ELECTRICITY.—Liebig and Rohé on Medical Electricity, $2.00.

HYGIENE.—Rohé's Text-Book on Hygiene, $3.00.

MEDICAL DICTIONARY.—Dunglison, $5.60; Keating, $4.00; Gould, $5.75; Duane, $3.40.

The prices given above are for books in cloth binding, a stronger binding being obtainable at a slight advance.

## GRADUATION.

Candidates for the Degree of Doctor of Medicine must have attended four graded courses of lectures in four separate years. The candidate must be twenty-one years of age, of good moral character, and have passed satisfactory examinations before the Faculty. All students are required to register at the close of each session as evidence of full attendance.

## COLLEGE PRIZES.

As an incentive to greater exertion, the following prizes have been instituted and will be conferred by the Faculty:

*The First College Prize*—A gold medal to the graduate who stands highest in the final examination.

*The Second College Prize*—A gold medal to the graduate who stands second.

*The Third College Prize*—A gold medal to the graduate who stands third.

*The Fourth College Prize*—A gold medal to the graduate whc stands fourth.

---

## HOSPITAL APPOINTMENTS.

In addition to the above prizes, the Faculty has it in its power to bestow upon meritorious graduates valuable appointments as resident hospital physicians, viz., four at the City Hospital, twc at the Maternité. These positions are for one year, and each incumbent receives board and lodging free of expense, besides unrivaled opportunities for practical study and clinical experience.

The Faculty elects annually one resident physician and one assistant resident physician to Bay View, who receive board and lodging.

---

## THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Will gladly welcome all students, and furnish any information as to location of all churches and prominent points of interest. Special rates are provided whereby all advantages possessed by the Central Association (two blocks distant) can be had. Gymnasium, baths, various classes, etc.

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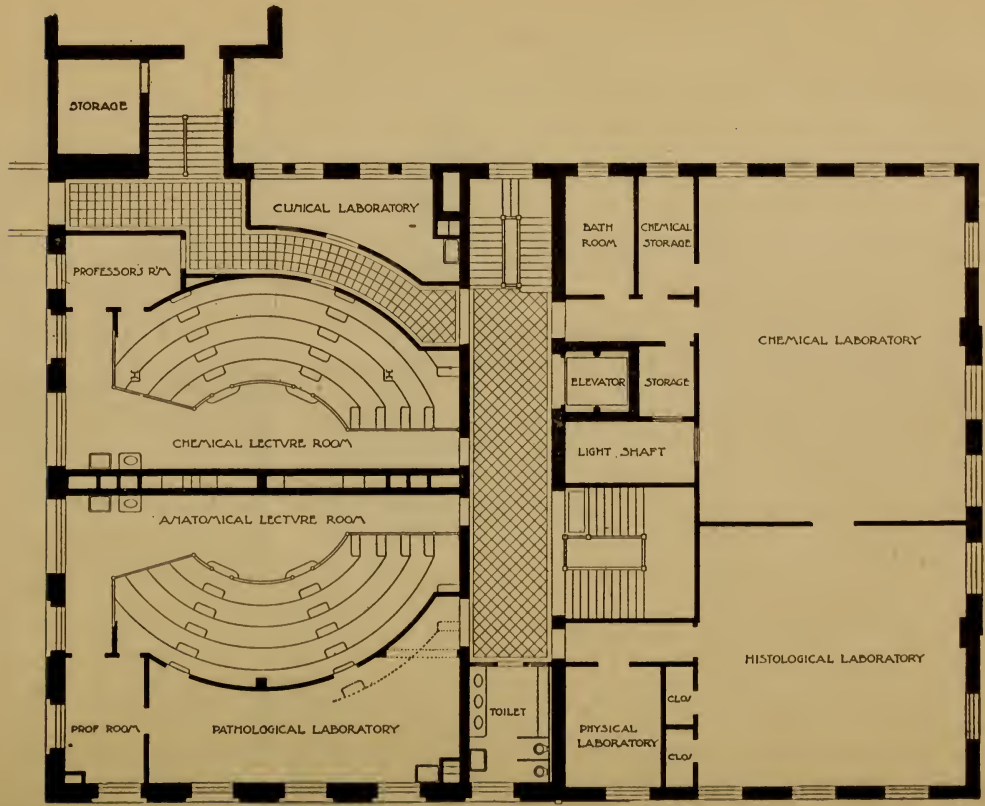
## COLLEGE FEES.

Matriculation fee, $5.00.

The charge for the Winter Session is $100, payable on entering.

There are no fees for Laboratory work and Dissections.

The Graduation fee is $30.00, and must be paid on or before January 1, 1900.




· SECOND · FLOOR · PLAN ·

## Post-Graduate Fees.

Graduates of other colleges pay $60.00 for the whole session. The usual diploma fee of $30.00 is required for graduation.

Good board can be had at $3.50 per week.

We believe that in no other large city of the United States can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Dean's office, in the College Building, N. W. corner of Calvert and Saratoga streets, as soon as they arrive in the city, for the purpose of registering their names. Here the Janitor may also be found, who will take charge of baggage, direct them to boarding-houses, and furnish all requisite information.

For further information address

THOMAS OPIE, M. D., DEAN,
*College of Physicians and Surgeons,*
BALTIMORE, MD.

# Calendar.

## 1899.

September 30th—Introductory Lecture, 8 P. M.

November 30th—Thanksgiving Day, holiday.

December 22d—Lectures close for Christmas holidays.

## 1900.

January 2d—Lectures resumed.

February 22d—Washington's Birthday.

April 18—Commencement (about).

# Students.

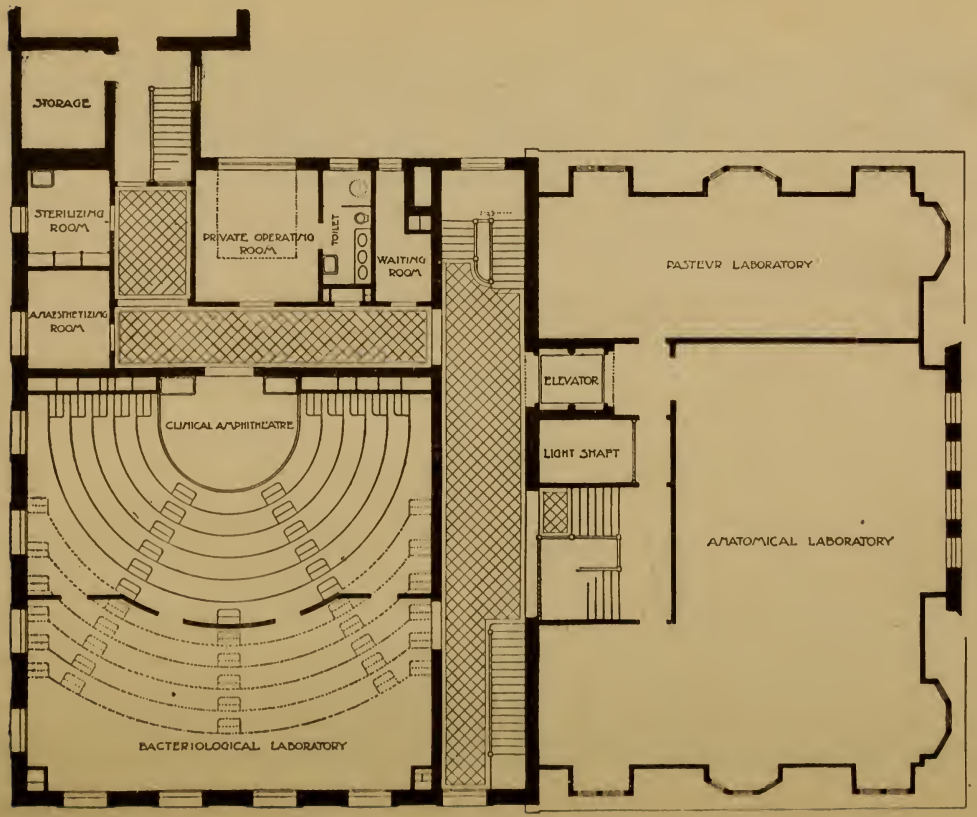
## First Year.

| NAME. | STATE. |
|---|---|
| CHARGIN, LOUIS, | *New York* |
| COCKEY, W. H., | *Maryland* |
| CORNELL, FREDERICK B., | *New York* |
| COX, LEBARON W., | *Maine* |
| CRUIKSHANK, D. P., 2D, | *New York* |
| DIXON, W. F., | *Pennsylvania* |
| DONOVAN, STEPHEN F., | *Connecticut* |
| DOYLE, J. H., | *Massachusetts* |
| ELGER, WM., | *New York* |
| ELROD, HUGH, | *S. Carolina* |
| GARRISON, W. M., | *Maryland* |
| GILLICK, E. E., | *New York* |
| GAMLING, ROBERT E., | *Georgia* |
| GROVE, AUSTYN, | *Pennsylvania* |
| HALE, W. F., | *Nova Scotia* |
| HENRY, ZADOK P., JR., | *Maryland* |
| HESS, DELBERT M., | *Pennsylvania* |
| HINZMAN, W. W., | *W. Virginia* |
| INNERST, JOHN E., | *Pennsylvania* |
| JONES, ARTHUR LEE, | *N. Carolina* |
| JONES, BRUCE L., | *Virginia* |
| JOHNSON, GEORGE R., | *Canada* |
| JOHNSON, N. S., | *Alabama* |
| KEATING, CHAS. ALBERT, JR., | *New Jersey* |
| KEENAN, F. A., | *Rhode Island* |
| KENNEY, W. B., | *Rhode Island* |
| LESTS, BENJ. I., | *Maryland* |

| NAME. | STATE. |
|---|---|
| MACLAY, J. ALLAN, | *New Jersey* |
| MAHOOD, CHAS. F., | *W. Virginia* |
| MAXWELL, C. H., | *Georgia* |
| MAYER, FRED. W. A., | *New Jersey* |
| MESSERLY, C. B., | *Ohio* |
| MESSINGER, F. ROGERS, | *Canada* |
| MOTT, VANCLEVE, F., | *New Jersey* |
| NEALON, JAMES M., | *Pennsylvania* |
| NEWELL, R. I., | *Oregon* |
| O'GARA, JAMES F., | *Massachusetts* |
| O'NEIL, FRANCIS P., | *New York* |
| PAGE, SAMUEL W., | *S. Carolina* |
| PYNE, WILLIAM J., | *Rhode Island* |
| QUESSY, ALFRED H., | *Massachusetts* |
| REILLY, CHAS. F., | *Massachusetts* |
| ROHRBACH, HARVEY O., | *Pennsylvania* |
| ROSENTHAL, HARRY A., | *Ohio* |
| ROST, ERNEST, | *Maryland* |
| RUSH, L. V., | *Mississippi* |
| SCHOENIGER, ADOLPH O., | *New Jersey* |
| SPYKER, HUSTON, | *Ohio* |
| THOMPSON, J. FRANK, | *W. Virginia* |
| TRAYWICK, A. P., | *N. Carolina* |
| ULLMAM, ALFRED, | *Maryland* |
| VIEWEG, GEORGE L., | *W. Virginia* |
| WADE, JOHN, | *Maryland* |
| WEHNER, EDWARD F., | *Pennsylvania* |
| WESTWOOD, DAVID, | *Utah* |
| YAGLE, JAMES L., | *Pennsylvania* |

## Second Year.

| | |
|---|---|
| ANDREWS, R. M., | *N. Carolina* |
| BAER, JACOB A., | *Pennsylvania* |
| BARRY, JOHN M., | *Canada* |
| BELL, JOHN J., | *Pennsylvania* |
| BERLIN, LEWIS, | *Maryland* |


STORAGE
STERILIZING ROOM
ANAESTHETIZING ROOM
PRIVATE OPERATING ROOM
TOILET
WAITING ROOM
CLINICAL AMPHITHEATRE
BACTERIOLOGICAL LABORATORY
PASTEUR LABORATORY
ELEVATOR
LIGHT SHAFT
ANATOMICAL LABORATORY

| NAME. | STATE. |
|---|---|
| BRUECKNER, CHAS. H., | *New Jersey* |
| CAMPBELL, JOHN A., | *Pennsylvania* |
| CHANCELLOR, PHILIP, | *Maryland* |
| CHESTER, HYMAN, | *New York* |
| CONBOY, M. A., | *New York* |
| CONREY, ALBERT F., | *Maryland* |
| DENHAM, CECIL, | *West Virginia* |
| FELDMAN, MAX, | *New York* |
| FLYNN, JAMES G., | *Pennsylvania* |
| FRANCE, J. I., | *Maryland* |
| GRAVES, W. B., | *New York* |
| HAYS, A. D., | *Ohio* |
| HODGES, W. S., | *Virginia* |
| HUNTER, W. D., | *Pennsylvania* |
| KEE, A. L., | *Ohio* |
| KING, J. W., JR., | *New Jersey* |
| KING, SEEBER, | *Florida* |
| LOUGHNAN, ANDREW J., | *New York* |
| LOWREY, NICHOLAS, | *New York* |
| LOWRY, S. T., | *Texas* |
| LOWY, OTTO, | *New Jersey* |
| MALCOLM, WALLACE, | *Maryland* |
| MARR, FRANK T., | *Ohio* |
| MAY, JOHN L., | *Connecticut* |
| MCCURRY, W. E., | *Georgia* |
| MCDEDE, FRANK F., | *New Jersey* |
| MCGRAW, H. R., | *Utah* |
| MCKAY, EDWIN, | *Pennsylvania* |
| MENDELSOHN, LEWIS, | *Maryland* |
| MONROE, JOHN P., | *N. Carolina* |
| NUNEMAKER, TUNIS, | *Ohio* |
| O'HARA, A. S., | *Pennsylvania* |
| ORT, W. A., | *Ohio* |
| OWENS, R. M., | *Pennsylvania* |
| PARTRIDGE, W. S., | *Ontario* |

| NAME. | STATE. |
|---|---|
| PEARCY, E. M., | *W. Virginia* |
| PEPPER, J. KERR, | *N. Carolina* |
| ROBINSON, J. R., | *Pennsylvania* |
| ROSE, LONZO OSWALD, | *W. Virginia* |
| ROSENTHAL, L. J., | *Maryland* |
| ROWE, H. W. B., | *Maryland* |
| SAUER, FERDINAND N., JR., | *New Jersey* |
| SCHMIDT, SAMUEL, | *Maryland* |
| SCHWARTZ, MAURICE, | *Maryland* |
| SHEPHERD, W. J., | *W. Virginia* |
| SIMMONS, OLIVER D., | *Maryland* |
| SMITH, HARRISON A., | *Maine* |
| SMITH, W. B. T., | *Massachusetts* |
| STIEFEL, JOHN G., | *New York* |
| SULLIVAN, JAMES L., | *Connecticut* |
| SUTLIFF, S. DANA, | *Pennsylvania* |
| TRACH, JOHN M., | *Pennsylvania* |
| VANDERBEEK, ANDREW B., | *New Jersey* |
| WEINBERG, SAMUEL, | *Maryland* |
| WERZER, CHARLES, JR., | *New York* |
| WILLIAMS, V. G., | *Georgia* |
| YOUNG, JOHN LEE, | *New York* |

## Third Year.

| | |
|---|---|
| ARBAUGH, E. V., | *Ohio* |
| BARTZ, CHAS. W. D., | *Maryland* |
| BENDERLEY, S., | *Palestine* |
| BLACK, R. M., | *Maryland* |
| COLLIER, G. KIRBY, | *N. Carolina* |
| ELLIOTT, A. E., | *Massachusetts* |
| FLEMING, R. C., | *Ohio* |
| FRANCKLE, C. S., | *New Jersey* |
| FREDERICK, GUSTAV H., | *New Jersey* |
| FREEDOM, ADOLPH G., | *Maryland* |
| HERBERT, N. N., | *Dis. of Columbia* |
| HERTZMAN, CARL O., | *Minnesota* |

| NAME. | STATE. |
|---|---|
| HURLEY, P. E., | *Massachusetts* |
| KENNEDY, T. F., | *Massachusetts* |
| KLINE, S. M., | *Ohio* |
| LEONARD, J. M., | *Massachusetts* |
| LUTHER, MARTIN E., | *Vermont* |
| McAVOY, M. J., | *Maryland* |
| McCOLLUM, J. REILLY, | *W. Virginia* |
| McKNIGHT, JAMES L., | *Pennsylvania* |
| NORRIS, J. F., | *Maryland* |
| PENTON, J. A., | *Alabama* |
| PERKINS, F, W., | *Kentucky* |
| ROBERTS, FREDERICK A., | *Maryland* |
| ROHRER, C. W. G., | *Maine* |
| SHAWKEY, ARTHUR A., | *Maryland* |
| SMITH, D. V., | *Pennsylvania* |
| STICK, H. LOUIS, | *W. Virginia* |
| WATSON, JOHN WILLIAM, | *Pennsylvania* |
| WILLIAMS, JESSE W., | *Massachusetts* |
| WILLSON H. GUION, | *Maryland* |

## Fourth Year.

| | |
|---|---|
| ARMSTRONG, T. E., | *Massachusetts* |
| ATWOOD, F. G., | *Connecticut* |
| BARAKAT, SABA, | *Syria* |
| BOISVENU, PHILIAS, | *Massachusetts* |
| BRAWNER, J. N., | *Georgia* |
| BROWNE, GEORGE C., | *Connecticut* |
| BROWN, HARVEY S., | *New Jersey* |
| CAMPBELL, EDWARD, | *Massachusetts* |
| CAMPBELL, M. PHILIP, | *Massachusetts* |
| COPPEDGE, C. E., | *N. Carolina* |
| CUTLER, A. R., | *Utah* |
| DENEAN, J. C., | *Ohio* |
| EKSTRÖMER, MELCHER, | *Marylaud* |
| FRAZIER, J. C., | *W. Virginia* |

| NAME. | STATE. |
|---|---|
| FREE, EVANS M., | *Pennsylvania* |
| FRIEDMAN, ROBERT, | *New York* |
| GOODMAN, B. A., | *Maryland* |
| GORDON, OSHER, | *New York* |
| HARRIS, W. D., | *Nova Scotia* |
| HERROD, JAMES F., | *Pennsylvania* |
| HOSHALL, JOHN L., | *Pennsylvania* |
| HOWE, W. R., | *Montana* |
| HUBBARD HARRY, | *Ohio* |
| HUGHES, STEPHEN F., | *Rhode Island* |
| KEIRLE, N. GARLAND, JR., | *Maryland* |
| KENNEY, STEPHEN A. | *Massachusetts* |
| KNORR, ERNEST A., | *Maryland* |
| LEAHY, W. J., | *Connecticut* |
| LEONARD, B. F., | *Nova Scotia* |
| MATTESON, CHARLES D., | *New York* |
| MURPHY, EDWARD, V., | *Massachusetts* |
| MURPHY, T. J., | *Maine* |
| NASHATY, RAPHAEL G., | *Egypt* |
| NASSUR, JAMIL, | *Syria* |
| O'DWYER, JOHN C., | *Connecticut* |
| OSBORNE, ELTON SMITH, | *Georgia* |
| PRATT, FRANK L., | *Pennsylvania* |
| REICHARD, LEWIS N., | *Pennsylvania* |
| ROWLES, R. B., | *Ohio* |
| SIMPERS, H. G., | *Maryland* |
| STEEVES, E. W., | *New Brunswick* |
| TATE, ALBERT M., | *Georgia* |
| THOMPSON, J. B. | *N. Carolina* |
| WELLAND, HERMAN, | *Virginia* |
| YOUNG, F. W., | *Nova Scotia* |

## Post-Graduate Course.

| NAME. | STATE. |
|---|---|
| BUQUOI, J. F. (M. D.), | *Louisiana* |
| CHAMBERS, J. J. (M. D.), | *Canada* |
| CLARK, A. W. (M. D.), | *Canada* |
| COPELAND, C. E., (M. D.), | *W. Virginia* |
| LOWREY, J. M., JR. (M. D.), | *Georgia* |
| SOMERS, L. P., | *N. Carolina* |
| WARD, E. B., | *Alabama* |

## Hospital Course.

| | |
|---|---|
| DEVERE, A. C. (M. D.), | *Rhode Island* |

## Special Students.

| | |
|---|---|
| BADEN, R. EARLY, | *Maryland* |
| BIGGS, J. D., JR., | *N. Carolina* |
| BOYDSTON, W. J., | *W. Virginia* |
| BUTLER, H. H., | *Maryland* |
| CAIRNES, S. P., | *Massachusetts* |
| CARR, C. F., | *New Jersey* |
| CLARK, J. P., | *Texas* |
| COCHRAN, W. R., | *Ohio* |
| COOPER, A. S., | *Oregon* |
| CROSS, F. R., | *Oregon* |
| DELCHER, T. B., | *Florida* |
| DELLINGER, C. E., | *Maryland* |
| DOIG, H. M., | *New York* |
| DUNLOP, C. H., | *Florida* |
| EASLEY, S. H., | *Dis. of Columbia* |
| EDWARDS, R. E., | *Pennsylvania* |
| FUERTES, M., | *Porto Rico* |
| GAITHER, W. D., | *Tennessee* |
| GIBBONS, R. E., | *Maryland* |
| HAGANOUR, H. C., | *New York* |
| HAGGERTY, WARREN, JR., | *New Jersey* |
| HAMILTON, W. H., | *Virginia* |
| HEMMINGER, R. J., | *Pennsylvania* |

| NAME. | STATE. |
|---|---|
| HUDSON, W. A., | *Canada* |
| HUMPHREY, L. M., | *N. Carolina* |
| JONES, H. M., | *Texas* |
| KEERANS, J. L., | *N. Carolina* |
| KELLEY, J. F., | *Massachusetts* |
| KOONTZ, G. E., | *Virginia* |
| LADD, L. A., | *Vermont* |
| LAKIN, J. H., | *Alabama* |
| LILLISTON, H. D., | *Virginia* |
| MANNING, C. A., | *W. Virginia* |
| NELSON, THOMAS F., | *Maryland* |
| PALMER, T. R., | |
| PALMER, W. C., JR., | *Maryland* |
| PAUL, JOSEPH L., | *Pennsylvania* |
| PAYZANT, C. R , | *Nova Scotia* |
| REAY, W. S., | *Maryland* |
| RICHARDSON, E. E., | *N. Carolina* |
| RICHARDSON, E. W., | *New York* |
| ROBERTS, W. J., | *Canada* |
| SEARCY, BATTLE, | *Alabama* |
| SINCLAIR, J. A., | *N. Carolina* |
| STEEVES, N. TILLEY, | *Canada* |
| STEWART, C. W. H., | *W. Virginia* |
| STILL, W. W., | *Mississippi* |
| SUTPHIN, S. S , | *W. Virginia* |
| THOMPSON, J. D., | *Canada* |
| THOMSON, D. P., | *S. Carolina* |
| ULLENAESS, T., | *Norway* |
| WATSON, C. L., | *Texas* |
| WEBSTER, H. B., | *Virginia* |
| WETHERLY, J. S., | *Texas* |
| WILSON, JAMES L., | *Maryland* |
| WOOD, W. S., | *New York* |
| WOODWARD, M., | *Pennsylvania* |

# Graduating Class, 1899.

ARMSTRONG, T. E., *Mass.*
BARAKAT, SABA, *Syria.*
BOISVENU, PHILIAS, *Mass.*
BROWN, HARVEY S., *N. Jersey.*
BRAWNER, J. N., *Georgia.*
BROWNE, GEORGE C., *Conn.*
CAMPBELL, EDWARD, *Mass.*
CAMPBELL, M. PHILIP, *Mass.*
CUTLER, A. R., *Utah.*
DENEAN, J. C., *Ohio.*
EKSTRÖMER, M., *Maryland.*
FREE, EVANS M., *Penna.*
FRAZIER, J. C., *W. Va.*
FRIEDMAN, ROBERT, *N. Y.*
GOODMAN, B. A., *Maryland.*
GORDON, O. *N. Y.*
HUBBARD, HARRY, *Ohio.*
HARRIS, W. D., *Nova Scotia.*
HOWE, W. R., *Montana.*
HUGHES, STEPHEN F., *R. I.*
KEIRLE, N. GARLAND, JR., *Md.* d,
KENNEY, STEPHEN A., *Mass.*
KNORR, ERNEST A., *Maryland.*
LEAHY, W. J., *Conn.*
MURPHY, EDWARD V., *Mass.*
MURPHY, T. J., *Maine.*
MATTESON, CHAS. D., *N. Y.* d,
NASHATY, RAPHAEL G., *Egypt.*
OSBORNE, ELTON SMITH, *Ga.*
PRATT, FRANK L., *Penna.*
REICHARD, LEWIS N., *Penna.*
ROWLES, R. B., *Ohio.*
SIMPERS, H. G., *Maryland.*
TATE, ALBERT M., *Georgia.* d,
THOMPSON, J. B., *N. C.*
WELLAND, HERMAN, *Virginia.*
YOUNG, F. W., *Nova Scotia.*

## Prizes Awarded.

N. GARLAND KEIRLE, JR., *Maryland,* - First Prize, Gold Medal.
J. N. BRAWNER, *Georgia,* - - Second Prize, Gold Medal.
EDWARD V. MURPHY, *Mass.,* - - Third Prize, Gold Medal.
EDWARD CAMPBELL, *Mass.,* - - Fourth Prize, Gold Medal.

## Worthy of Honorable Mention.

W. J. LEAHY, *Conn.*
W. D. HARRIS, *Nova Scotia.*
ERNEST A. KNORR, *Maryland.*
ELTON SMITH OSBORNE, *Ga.*
GEORGE C. BROWNE, *Conn.*
T. E. ARMSTRONG, *Mass.*

# Alumni Association,
# College of Physicians and Surgeons.

OFFICERS FOR 1899–1900.

| | |
|---|---|
| *President*, - - - - - | DR. J. GORSE SIMMONS. |
| *First Vice-President*, - - - | DR. J. W. MALONE. |
| *Second Vice-President*, - - - | DR. STANDISH MCCLEARY. |
| *Secretary*, - - - - - | DR. ALEXIUS MCGLANNAN. |
| *Assistant Secretary*, - - - | DR. M. EKSTRÖMER. |
| *Treasurer*, - - - - - | DR. CHAS. EMIL BRACK. |

*Executive Committee*, DR. H. FRIEDENWALD (*Chairman*).

PUBLICATION COMMITTEE.

| | |
|---|---|
| DR. H. FRIEDENWALD, - - | *Chairman*. |
| DR. J. GORSE SIMMONS, - - | *President*. |
| DR. ALEXIUS MCGLANNAN, - | *Secretary*. |
| DR. CHAS. EMIL BRACK, - - | *Treasurer*. |
| DR. WM. S. GARDNER, - - | *Editor*. |
| DR. WM. J. TODD, - - - | *Business Manager*. |

The objects of this Association are to advance the interests and extend the influence of the College of Physicians and Surgeons, to encourage a high standard of medical education and perpetuate college friendships.

The Journal of the Alumni Association is published quarterly. It has thirty-two pages of reading matter. A large space is devoted to personal notes. Subscription price, $1.00.

Alumni are requested to inform the Secretary of all distinctions conferred upon them in civil life, or for services in the Army, Navy, or Marine Hospital Service.

Alumni are also requested to forward to the Secretary changes in their addresses, and any knowledge they may possess of the death of members.

It is earnestly desired that as many of the Association as can attend will be present at the next Annual Meeting in 1900. Due notice will be given each member.

Alumni of the College of Physicians and Surgeons and others who desire additional copies of this Announcement or to have it sent annually, are requested to write to the Dean.

Physicians who may obtain normal or pathological specimens of interest are requested to send them to the College. Specimens will be labeled with the name of the donor and be preserved in the museum.

# Pasteur Department of the Baltimore City Hospital,

Founded and Controlled by the College of Physicians and Surgeons,

BALTIMORE, MD.

---

*Physician in Chief*, - - PROF. THOS. S. LATIMER, M. D.
*Chief of Laboratory*, - PROF. N. G. KEIRLE, A. M., M. D.
*Asst. Chief of Laboratory*, ASSO. PROF. JULIUS FRIEDENWALD, A. B., M. D.

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The Pasteur Department of the City Hospital was founded by the College of Physicians and Surgeons for the preventive treatment of hydrophobia according to the Pasteur method. It is modeled after the "Institut Pasteur," of Paris. The method is the result of personal investigation at that institute and is identical with that used in Paris.

Without the Pasteur preventive treatment, the mortality from the bites of rabid animals is sixteen to twenty-five per cent. Of those treated by the Pasteur method, the mortality is about one-thirteenth of one per cent.

Patients should come without any delay direct to the City Hospital, corner of Saratoga and Calvert streets, where they will be received by the Resident Physician and supplied with suitable accommodations. They will be required to remain twenty-three days.

Those applying for treatment should bring a certificate from the veterinarian or any one who has made an examination of the animal. The certificate should state whether the animal had rabies or was only suspected to have had it.

Persons bitten by animals suspected to be rabid should make an especial effort to have the animal kept under observation to determine whether it has rabies. If the animal is dead, the whole body, or the head, with part of the neck attached, should be sent to the laboratory at the College for investigation. To prevent putrefaction, it should be packed in ice and sent, at once, by express, prepaid.

Examination of animals that have bitten persons who come for treatment at the Pasteur Department will be made without charge. In all other cases, the cost of examination will be twenty-five dollars.

Since the organization of this institution, no death has occurred in it, nor has any case of rabies developed.

TERMS:—All cases will be charged the uniform fee of one hundred and fifty dollars, which includes board and lodging.

For further information, address,

**Pasteur Department, College of Physicians and Surgeons, Baltimore, Maryland.**

# The Baltimore College of Dental Surgery.

**Chartered by the Legislature of Maryland in 1839.**

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*THE OLDEST DENTAL COLLEGE IN THE WORLD.*

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The sixtieth annual session will commence on the 1st of October, 1899, and continue until May, 1900.

The Infirmary is open during the entire year for Dental Operations.

Students corresponding with the Dean will please be careful to give full address, and direct their letters to

M. W. FOSTER, M. D.. D. D. S., DEAN,
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